CRL FOAMING GLASS CLEANER 4 OZ.

Safety Data Sheet

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SECTION 1: Identification

1.1. Identification

Product form : Mixture

Trade name : CRL FOAMING GLASS CLEANER 4 OZ.

Product code : PR0360M

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Glass Cleaner

1.3. Supplier

C.R Laurence Co., Inc.
2503 E. Vernon Ave.
Los Angeles, CA. 90058
1-(800) 421-6144

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Gases under pressure : Compressed gas H280 Contains gas under pressure; may explode if heated.

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning

Hazard statements (GHS US) : H280 - Contains gas under pressure; may explode if heated.

Precautionary statements (GHS US) : P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P412 - Do not expose to temperatures exceeding 50 °C/ 122 °F.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Contains gas under pressure; may explode if heated. None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Water	(CAS-No.) 7732-18-5	85 – 95	Not classified as hazardous
Ethanol		5 – 10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 1, H370 STOT SE 3, H336
Petroleum Gases, Liquefied, Sweetened	(CAS-No.) 68476-86-8	1 – 5	Flam. Gas 1, H220 Press. Gas (Comp.), H280
1-Butoxy-2-Propanol	(CAS-No.) 5131-66-8	1 – 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Triethanolamine	(CAS-No.) 102-71-6	< 1	Not classified as hazardous

Name	Product identifier	%	GHS-US classification
DETERIC LP		< 1	Eye Dam. 1, H318
Methyl 2-Aminobenzoate	(CAS-No.) 134-20-3	0.012 – 0.016	Not classified as hazardous
Benzyl Alcohol	(CAS-No.) 100-51-6	0.004 – 0.008	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332
Linalol	(CAS-No.) 78-70-6	0.002 – 0.004	Flam. Liq. 4, H227
Benzyl Acetate	(CAS-No.) 140-11-4	0.0012 – 0.002	Not classified as hazardous
Alpha-Terpineol	(CAS-No.) 98-55-5	0.0004 – 0.0012	Flam. Liq. 4, H227
Coumarin	(CAS-No.) 91-64-5	0.0004 – 0.0012	Acute Tox. 4 (Oral), H302
Diethyl Phthalate	(CAS-No.) 84-66-2	0.0004 – 0.0012	Not classified as hazardous
Diethanolamine	(CAS-No.) 111-42-2	0.00008 – 0.00096	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 2, H351 STOT RE 2, H373
Cedarwood Oil, Virginia	(CAS-No.) 8000-27-9	< 0.0004	Not classified as hazardous
Cinnamon Oils	(CAS-No.) 8015-91-6	< 0.0004	Not classified as hazardous
Diphenyl Oxide	(CAS-No.) 101-84-8	< 0.0004	Not classified as hazardous
4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone	(CAS-No.) 81-14-1	< 0.0004	Carc. 2, H351
Vanillin	(CAS-No.) 121-33-5	< 0.0004	Not classified as hazardous
Phenylacetaldehyde	(CAS-No.) 122-78-1	< 0.00012	Flam. Liq. 4, H227
Acetophenone	(CAS-No.) 98-86-2	< 0.00004	Eye Irrit. 2, H319
White Spirit	(CAS-No.) 8052-41-3	< 0.00004	Flam. Liq. 3, H226 Muta. 1B, H340 Carc. 1B, H350 STOT RE 1, H372 Asp. Tox. 1, H304
Benzaldehyde	(CAS-No.) 100-52-7	< 0.00004	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Call a POISON CENTER/doctor.

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : May cause slight irritation . May cause moderate irritation. Itching. Red skin. Skin rash/inflammation.

Symptoms/effects after eye contact : May cause slight irritation. May cause slight eye irritation . Inflammation/damage of the eye tissue. Irritation of the eye tissue. Redness of the eye tissue.

Symptoms/effects after ingestion : May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

No additional information available

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Other information : NFPA Aerosol Level 1.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources.

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Dam up the liquid spill. Plug the leak, cut off the supply. Contain released product, pump into suitable containers.

Methods for cleaning up : Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not pierce or burn, even after use.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately. Remove contaminated clothes. Always wash hands after handling the product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage area : Store in a well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CRL FOAMING GLASS CLEANER 4 OZ.	
No additional information available	

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	1000 ppm Listed under Aliphatic hydrocarbon gases alkane C1-C4

USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) (mg/m³)	1800 mg/m³
OSHA PEL (TWA) (ppm)	1000 ppm
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL (TWA) (mg/m³)	1800 mg/m³
NIOSH REL (TWA) (ppm)	1000 ppm
Water (7732-18-5)	
No additional information available	
Triethanolamine (102-71-6)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m³)	5 mg/m³
Methyl 2-Aminobenzoate (134-20-3)	
No additional information available	
Diethanolamine (111-42-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m³)	1 mg/m³ (Inhalable fraction and vapor)
Linalol (78-70-6)	
No additional information available	
Benzyl Alcohol (100-51-6)	
No additional information available	
Benzyl Acetate (140-11-4)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	10 ppm
Alpha-Terpineol (98-55-5)	
No additional information available	
Vanillin (121-33-5)	
No additional information available	
Coumarin (91-64-5)	
No additional information available	
Diethyl Phthalate (84-66-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (mg/m³)	5 mg/m³
Cedarwood Oil, Virginia (8000-27-9)	
No additional information available	
Cinnamon Oils (8015-91-6)	
No additional information available	
Diphenyl Oxide (101-84-8)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	1 ppm (Vapor fraction)
ACGIH STEL (ppm)	2 ppm (Vapor fraction)
4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
No additional information available	
Phenylacetaldehyde (122-78-1)	
No additional information available	
Acetophenone (98-86-2)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	10 ppm
White Spirit (8052-41-3)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH TWA (ppm)	100 ppm

Benzaldehyde (100-52-7)	
No additional information available	

1-Butoxy-2-Propanol (5131-66-8)	
No additional information available	

Ethanol	
USA - ACGIH - Occupational Exposure Limits	
ACGIH STEL (ppm)	1000 ppm

DETERIC LP
No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Local exhaust venilation, vent hoods . Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Gloves. Safety glasses. Avoid all unnecessary exposure.

Materials for protective clothing:

GIVE EXCELLENT RESISTANCE:

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Wear appropriate mask

Personal protective equipment symbol(s):

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Gas

Appearance : Liquid.

Colour : Colourless to light yellow

Odour : Mild Alcohol odour Ammonia odour

Odour threshold : No data available

pH : 9

Melting point : No data available

Freezing point : No data available

Boiling point : -31.1 °C (Lowest Component-Propellant)

Flash point : -96.23 °C (Lowest Component-Propellant)

Relative evaporation rate (butylacetate=1) : No data available

Flammability (solid, gas)	:	Non flammable.
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	0.98
Solubility	:	Soluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive limits	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available

9.2. Other information

VOC content : 11.1 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	:	Not classified as hazardous
Acute toxicity (dermal)	:	Not classified as hazardous
Acute toxicity (inhalation)	:	Not classified as hazardous

Triethanolamine (102-71-6)	
LD50 oral rat	6400 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 7 day(s))
LD50 dermal rabbit	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 402, Rabbit, Experimental value, Dermal, 14 day(s))
ATE US (oral)	6400 mg/kg bodyweight

Methyl 2-Aminobenzoate (134-20-3)	
LD50 oral rat	2910 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE US (oral)	2910 mg/kg bodyweight

Diethanolamine (111-42-2)	
LD50 oral rat	1600 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
ATE US (oral)	1600 mg/kg bodyweight

Linalol (78-70-6)	
LD50 oral rat	2790 mg/kg (Rat)
LD50 dermal rat	5610 mg/kg (Rat)

Linalol (78-70-6)	
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
ATE US (oral)	2790 mg/kg bodyweight
ATE US (dermal)	5610 mg/kg bodyweight

Benzyl Alcohol (100-51-6)	
LD50 oral rat	1620 mg/kg bw/day (Rat, Male, Experimental value, Oral)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit, Inconclusive, insufficient data, Dermal)
LC50 inhalation rat (mg/l)	> 4.178 mg/l/4h (OECD 403: Acute Inhalation Toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))
ATE US (oral)	1620 mg/kg bodyweight
ATE US (dust,mist)	1.5 mg/l/4h

Benzyl Acetate (140-11-4)	
LD50 oral rat	> 2000 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 15 day(s))
LD50 dermal rabbit	> 5000 mg/kg bodyweight (Rabbit, Experimental value, Dermal, 14 day(s))

Alpha-Terpineol (98-55-5)	
LD50 oral rat	4300 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male, Oral)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Read-across)
ATE US (oral)	4300 mg/kg bodyweight

Vanillin (121-33-5)	
LD50 oral rat	3300 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg bodyweight

Coumarin (91-64-5)	
LD50 oral rat	300 – 900 mg/kg (Rat)
ATE US (oral)	300 mg/kg bodyweight

Cedarwood Oil, Virginia (8000-27-9)	
LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)

Cinnamon Oils (8015-91-6)	
LD50 oral rat	2650 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE US (oral)	2650 mg/kg bodyweight

Diphenyl Oxide (101-84-8)	
LD50 oral rat	2830 mg/kg bodyweight (Rat, Female, Oral)
LD50 dermal rabbit	> 7940 mg/kg bodyweight (24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	2830 mg/kg bodyweight

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
LD50 oral rat	> 10000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit, Dermal)

Acetophenone (98-86-2)	
LD50 oral rat	2081 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 014 day(s))
LD50 dermal rat	3300 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	2081 mg/kg bodyweight
ATE US (dermal)	3300 mg/kg bodyweight

Benzaldehyde (100-52-7)	
ATE US (oral)	500 mg/kg bodyweight

1-Butoxy-2-Propanol (5131-66-8)	
LD50 oral rat	3300 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal, 14 day(s))
ATE US (oral)	3300 mg/kg bodyweight

Ethanol	
LD50 oral rat	10470 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	> 15800 mg/kg bodyweight (Rabbit, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	125 mg/l/4h (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))
ATE US (oral)	10470 mg/kg bodyweight
ATE US (vapours)	125 mg/l/4h
ATE US (dust,mist)	125 mg/l/4h

Skin corrosion/irritation : Not classified as hazardous
pH: 9

Serious eye damage/irritation : Not classified as hazardous
pH: 9

Respiratory or skin sensitisation : Not classified as hazardous

Germ cell mutagenicity : Not classified as hazardous

Carcinogenicity : Not classified as hazardous

Triethanolamine (102-71-6)	
IARC group	3 - Not classifiable

Diethanolamine (111-42-2)	
IARC group	2B - Possibly carcinogenic to humans

Benzyl Acetate (140-11-4)	
IARC group	3 - Not classifiable

Coumarin (91-64-5)	
IARC group	3 - Not classifiable

Reproductive toxicity : Not classified as hazardous

STOT-single exposure : Not classified as hazardous

Ethanol	
STOT-single exposure	Causes damage to organs. May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified as hazardous

Diethanolamine (111-42-2)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

White Spirit (8052-41-3)	
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified as hazardous

Viscosity, kinematic : No data available

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after skin contact : May cause slight irritation . May cause moderate irritation. Itching. Red skin. Skin rash/inflammation.

Symptoms/effects after eye contact : May cause slight irritation. May cause slight eye irritation . Inflammation/damage of the eye tissue. Irritation of the eye tissue. Redness of the eye tissue.

Symptoms/effects after ingestion : May be harmful if swallowed and enters airways. May be fatal if swallowed and enters airways.

SECTION 12: Ecological information

12.1. Toxicity

Triethanolamine (102-71-6)	
LC50 fish 1	11800 mg/l (APHA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	609.88 mg/l (ASTM E1192, 48 h, Ceriodaphnia dubia, Static system, Fresh water, Experimental value, Lethal)
ErC50 (algae)	216 mg/l (DIN 38412-9, 72 h, Scenedesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

Diethanolamine (111-42-2)	
LC50 fish 1	460 mg/l (96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	30.1 – 89.9 mg/l (ASTM E729-80, 48 h, Ceriodaphnia dubia, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 (algae)	9.5 mg/l (EPA 600/9-78-018, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration)

Linalol (78-70-6)	
EC50 Daphnia 1	59 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna)
EC50 other aquatic organisms 1	≥ 100 mg/l (3 h; Activated sludge)
LC50 fish 2	27.8 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo gairdneri)
Threshold limit algae 1	88.3 mg/l (EC50; 96 h)

Benzyl Alcohol (100-51-6)	
LC50 fish 1	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 Daphnia 1	230 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Fresh water, Experimental value, GLP)
ErC50 (algae)	770 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Benzyl Acetate (140-11-4)	
LC50 fish 1	4 mg/l (ASTM E729-80, 96 h, Oryzias latipes, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	17 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Semi-static system, Fresh water, Experimental value, GLP)

Vanillin (121-33-5)	
LC50 fish 1	57 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Coumarin (91-64-5)	
LC50 fish 1	56 mg/l (LC50; 96 h)
EC50 Daphnia 1	135 mg/l (EC50; 48 h)

Diethyl Phthalate (84-66-2)	
LC50 fish 1	12 mg/l (EPA 660/3 - 75/009, 96 h, Oncorhynchus mykiss, Flow-through system, Fresh water, Experimental value)
ErC50 (algae)	45 mg/l (Equivalent or similar to OECD 201, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

Diphenyl Oxide (101-84-8)	
LC50 fish 1	4.2 mg/l (EPA 660/3 - 75/009, 96 h, Oncorhynchus mykiss, Static system, Fresh water, Experimental value)
EC50 Daphnia 1	1.96 mg/l (Equivalent or similar to OECD 202, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	0.58 mg/l (Equivalent or similar to OECD 201, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
LC50 fish 1	> 0.5 mg/l (504 h, Salmo gairdneri, Flow-through system)
EC50 Daphnia 1	> 0.46 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna)

Acetophenone (98-86-2)	
LC50 fish 1	162 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
ErC50 (algae)	86.4 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

Benzaldehyde (100-52-7)	
LC50 fish 1	12.4 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
EC50 Daphnia 1	50 mg/l (24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

1-Butoxy-2-Propanol (5131-66-8)	
LC50 fish 1	560 – 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Poecilia reticulata, Static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	> 1000 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, GLP)

Ethanol	
LC50 fish 1	15300 mg/l (US EPA, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)

12.2. Persistence and degradability

CRL FOAMING GLASS CLEANER 19 OZ.	
Persistence and degradability	Not established.

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Persistence and degradability	Not established.

Water (7732-18-5)	
Persistence and degradability	Not established.

Triethanolamine (102-71-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.02 g O_2/g substance
Chemical oxygen demand (COD)	1.5 g O_2/g substance
ThOD	2.04 g O_2/g substance

Methyl 2-Aminobenzoate (134-20-3)	
Persistence and degradability	Not established.

Diethanolamine (111-42-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.

Diethanolamine (111-42-2)	
Biochemical oxygen demand (BOD)	0.22 g O_2/g substance
Chemical oxygen demand (COD)	1.52 g O_2/g substance
ThOD	2.13 g O_2/g substance

Linalol (78-70-6)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.531 g O_2/g substance
Chemical oxygen demand (COD)	2.808 g O_2/g substance

Benzyl Alcohol (100-51-6)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.6 g O_2/g substance
Chemical oxygen demand (COD)	2.4 g O_2/g substance
ThOD	2.5 g O_2/g substance

Benzyl Acetate (140-11-4)	
Persistence and degradability	Readily biodegradable in water.

Alpha-Terpineol (98-55-5)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
ThOD	2.9 g O_2/g substance

Vanillin (121-33-5)	
Persistence and degradability	Readily biodegradable in water.

Coumarin (91-64-5)	
Persistence and degradability	Readily biodegradable in water. Photolysis in the air.

Diethyl Phthalate (84-66-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.

Diphenyl Oxide (101-84-8)	
Persistence and degradability	Readily biodegradable in water.
Biochemical oxygen demand (BOD)	1.68 – 2.0 g O_2/g substance
Chemical oxygen demand (COD)	2.19 – 2.5 g O_2/g substance
ThOD	2.63 g O_2/g substance
BOD (% of ThOD)	0.72

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
Persistence and degradability	Not readily biodegradable in water.

Phenylacetaldehyde (122-78-1)	
Persistence and degradability	Not readily biodegradable in water.

Acetophenone (98-86-2)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
Biochemical oxygen demand (BOD)	0.518 g O_2/g substance
Chemical oxygen demand (COD)	2.532 g O_2/g substance
ThOD	2.532 g O_2/g substance

White Spirit (8052-41-3)	
Persistence and degradability	Not established.

Benzaldehyde (100-52-7)	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water. Not established.
Biochemical oxygen demand (BOD)	1.62 g O_2/g substance
Chemical oxygen demand (COD)	1.98 g O_2/g substance

Benzaldehyde (100-52-7)	
ThOD	2.42 g O_2/g substance
BOD (% of ThOD)	0.67

1-Butoxy-2-Propanol (5131-66-8)	
Persistence and degradability	Readily biodegradable in water.

Ethanol	
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Highly mobile in soil. Not established.
Biochemical oxygen demand (BOD)	0.8 – 0.967 g O_2/g substance
Chemical oxygen demand (COD)	1.7 g O_2/g substance
ThOD	2.1 g O_2/g substance
BOD (% of ThOD)	0.43

12.3. Bioaccumulative potential

CRL FOAMING GLASS CLEANER 19 OZ.	
Bioaccumulative potential	Not established.

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Bioaccumulative potential	Not established.

Water (7732-18-5)	
Bioaccumulative potential	Not established.

Triethanolamine (102-71-6)	
BCF fish 1	0.4 – 3.9 (Equivalent or similar to OECD 305, 6 week(s), Cyprinus carpio, Flow-through system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-2.3 – 1.34 (Weight of evidence approach)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Methyl 2-Aminobenzoate (134-20-3)	
Partition coefficient n-octanol/water (Log Pow)	2.17 (Practical experience/observation, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 22 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Diethanolamine (111-42-2)	
BCF fish 1	3.162 l/kg (BCFBAF v3.01, Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	-2.18 – -1.43 (Experimental value)
Bioaccumulative potential	Not bioaccumulative.

Linalol (78-70-6)	
Partition coefficient n-octanol/water (Log Pow)	2.84 – 3.145
Bioaccumulative potential	Bioaccumable.

Benzyl Alcohol (100-51-6)	
Partition coefficient n-octanol/water (Log Pow)	1 – 1.1 (Experimental value, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Benzyl Acetate (140-11-4)	
BCF fish 1	8 (Pisces, Flow-through system, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.96 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Alpha-Terpineol (98-55-5)	
Partition coefficient n-octanol/water (Log Pow)	2.57 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Coumarin (91-64-5)	
BCF fish 1	< 10 (BCF; 72 h)

Coumarin (91-64-5)	
BCF other aquatic organisms 1	42 (BCF; 24 h; Chlorella sp.)
Partition coefficient n-octanol/water (Log Pow)	1.39
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

Diethyl Phthalate (84-66-2)	
Partition coefficient n-octanol/water (Log Pow)	2.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 40 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

Cedarwood Oil, Virginia (8000-27-9)	
Bioaccumulative potential	No test data of component(s) available.

Cinnamon Oils (8015-91-6)	
Bioaccumulative potential	No test data of component(s) available.

Diphenyl Oxide (101-84-8)	
BCF fish 1	155 – 200 (4 day(s), Oncorhynchus mykiss, Fresh water, Experimental value, Muscles)
Partition coefficient n-octanol/water (Log Pow)	4.21 (Experimental value, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
BCF fish 1	1380 (831 h, Salmo gairdneri)
Partition coefficient n-octanol/water (Log Pow)	4.3 (OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Bioaccumulative potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).

Phenylacetaldehyde (122-78-1)	
Partition coefficient n-octanol/water (Log Pow)	1.8
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Acetophenone (98-86-2)	
BCF fish 1	0.475 (BCFWIN, Pisces, Calculated value)
Partition coefficient n-octanol/water (Log Pow)	1.61 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

White Spirit (8052-41-3)	
Partition coefficient n-octanol/water (Log Pow)	-3.16 – 7.06
Bioaccumulative potential	Not bioaccumulative. Not established.

Benzaldehyde (100-52-7)	
BCF other aquatic organisms 1	4.2 – 7.8 (Literature study, Estimated value)
Partition coefficient n-octanol/water (Log Pow)	1.4 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

1-Butoxy-2-Propanol (5131-66-8)	
Partition coefficient n-octanol/water (Log Pow)	1.2 (Experimental value, OECD 117: Partition Coefficient (n-octanol/water), HPLC method, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

Ethanol	
BCF fish 1	1 (Other, 72 h, Cyprinus carpio, Static system, Fresh water, Read-across)
Partition coefficient n-octanol/water (Log Pow)	-0.31 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4). Not established.

12.4. Mobility in soil

Triethanolamine (102-71-6)	
Partition coefficient n-octanol/water (Log Koc)	1.06 – 1.27 (log Koc, SRC PCKOCWIN v1.66, Calculated value)
Ecology - soil	Highly mobile in soil.

Methyl 2-Aminobenzoate (134-20-3)	
Partition coefficient n-octanol/water (Log Koc)	1.7 (log Koc, QSAR)

Diethanolamine (111-42-2)	
Partition coefficient n-octanol/water (Log Koc)	0.98 – 1 (log Koc, Calculated value)

Diethanolamine (111-42-2)	
Ecology - soil	Highly mobile in soil.

Benzyl Alcohol (100-51-6)	
Surface tension	39 mN/m (20 °C)
Ecology - soil	No (test)data on mobility of the substance available.

Benzyl Acetate (140-11-4)	
Partition coefficient n-octanol/water (Log Koc)	2.4 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Low potential for adsorption in soil.

Vanillin (121-33-5)	
Partition coefficient n-octanol/water (Log Koc)	3.438 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.

Diethyl Phthalate (84-66-2)	
Surface tension	37.5 mN/m (20 °C)
Partition coefficient n-octanol/water (Log Koc)	2.34 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value, GLP)
Ecology - soil	Low potential for adsorption in soil.

Diphenyl Oxide (101-84-8)	
Surface tension	0.039 N/m (25 °C)
Partition coefficient n-octanol/water (Log Koc)	3.3 (log Koc, Experimental value)
Ecology - soil	Low potential for mobility in soil.

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)	
Surface tension	0.044 N/m

Acetophenone (98-86-2)	
Surface tension	39.04 mN/m (25 °C)
Partition coefficient n-octanol/water (Log Koc)	1.34 – 1.98 (log Koc, Equivalent or similar to OECD 106, Experimental value)
Ecology - soil	Highly mobile in soil.

White Spirit (8052-41-3)	
Surface tension	0.02 N/m (20 °C)

Benzaldehyde (100-52-7)	
Surface tension	70.5 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions)
Partition coefficient n-octanol/water (Log Koc)	1.75 (log Koc)
Ecology - soil	Highly mobile in soil.

1-Butoxy-2-Propanol (5131-66-8)	
Surface tension	57.6 N/m (20 °C, 100 vol %)
Ecology - soil	No straightforward conclusion can be drawn based upon the available numerical values.

Ethanol	
Surface tension	22.31 mN/m (20 °C, 100 %)
Partition coefficient n-octanol/water (Log Koc)	0.2 (log Koc, Experimental value)
Ecology - soil	Highly mobile in soil.

12.5. Other adverse effects

Effect on the global warming : No known effects from this product.

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Container under pressure. Do not drill or burn even after use. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1950 Aerosols (Non-flammable, (each not exceeding 1 L capacity)), 2.2

UN-No.(DOT) : UN1950

Proper Shipping Name (DOT) : Aerosols
Non-flammable, (each not exceeding 1 L capacity)

Class (DOT) : 2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115

Hazard labels (DOT) : 2.2 - Non-flammable gas
Limited quantity

DOT Packaging Non Bulk (49 CFR 173.xxx) : None

DOT Packaging Bulk (49 CFR 173.xxx) : None

DOT Packaging Exceptions (49 CFR 173.xxx) : 306

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

DOT Vessel Stowage Location : A - The material may be stowed ‘‘on deck’’ or ‘‘under deck’’ on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 48 - Stow ‘‘away from’’ sources of heat,87 - Stow ‘‘separated from’’ Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

Other information : No supplementary information available.

Transportation of Dangerous Goods

Transport by sea

Transport document description (IMDG) : UN 1950 , 2.2

UN-No. (IMDG) : 1950

Class (IMDG) : 2.2 - Non-flammable, non-toxic gases

Air transport

Transport document description (IATA) : UN 1950 Aerosols, 2.2

UN-No. (IATA) : 1950

Proper Shipping Name (IATA) : Aerosols

Class (IATA) : 2.2 - Gases : Non-flammable, non-toxic

SECTION 15: Regulatory information

15.1. US Federal regulations

CRL FOAMING GLASS CLEANER 4 OZ.	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard Immediate (acute) health hazard Sudden release of pressure hazard

Petroleum Gases, Liquefied, Sweetened (68476-86-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Fire hazard Sudden release of pressure hazard

Water (7732-18-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Triethanolamine (102-71-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Methyl 2-Aminobenzoate (134-20-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diethanolamine (111-42-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	100 lb

Linalol (78-70-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzyl Alcohol (100-51-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzyl Acetate (140-11-4)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Alpha-Terpineol (98-55-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Vanillin (121-33-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Coumarin (91-64-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diethyl Phthalate (84-66-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Not subject to reporting requirements of the United States SARA Section 313	
CERCLA RQ	1000 lb

Cedarwood Oil, Virginia (8000-27-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Cinnamon Oils (8015-91-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Diphenyl Oxide (101-84-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Phenylacetaldehyde (122-78-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Acetophenone (98-86-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)	
EPA TSCA Regulatory Flag	TP - TP - indicates a substance that is the subject of a proposed TSCA section 4 test rule.
CERCLA RQ	5000 lb

White Spirit (8052-41-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Benzaldehyde (100-52-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

1-Butoxy-2-Propanol (5131-66-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethanol
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Petroleum Gases, Liquefied, Sweetened (68476-86-8)
Listed on the Canadian DSL (Domestic Substances List)

Water (7732-18-5)
Listed on the Canadian DSL (Domestic Substances List)

Triethanolamine (102-71-6)
Listed on the Canadian DSL (Domestic Substances List)

Methyl 2-Aminobenzoate (134-20-3)
Listed on the Canadian DSL (Domestic Substances List)

Diethanolamine (111-42-2)
Listed on the Canadian DSL (Domestic Substances List)

Linalol (78-70-6)
Listed on the Canadian DSL (Domestic Substances List)

Benzyl Alcohol (100-51-6)
Listed on the Canadian DSL (Domestic Substances List)

Benzyl Acetate (140-11-4)
Listed on the Canadian DSL (Domestic Substances List)

Alpha-Terpineol (98-55-5)
Listed on the Canadian DSL (Domestic Substances List)

Vanillin (121-33-5)
Listed on the Canadian DSL (Domestic Substances List)

Coumarin (91-64-5)
Listed on the Canadian DSL (Domestic Substances List)

Diethyl Phthalate (84-66-2)
Listed on the Canadian DSL (Domestic Substances List)

Cedarwood Oil, Virginia (8000-27-9)
Listed on the Canadian DSL (Domestic Substances List)

Cinnamon Oils (8015-91-6)
Listed on the Canadian DSL (Domestic Substances List)

Diphenyl Oxide (101-84-8)
Listed on the Canadian DSL (Domestic Substances List)

4'-Tert-Butyl-2',6'-Dimethyl-3',5'-Dinitroacetophenone (81-14-1)
Listed on the Canadian DSL (Domestic Substances List)

Phenylacetaldehyde (122-78-1)
Listed on the Canadian DSL (Domestic Substances List)

Acetophenone (98-86-2)
Listed on the Canadian DSL (Domestic Substances List)

White Spirit (8052-41-3)
Listed on the Canadian DSL (Domestic Substances List)

Benzaldehyde (100-52-7)
Listed on the Canadian DSL (Domestic Substances List)

1-Butoxy-2-Propanol (5131-66-8)
Listed on the Canadian DSL (Domestic Substances List)

Ethanol
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

DETERIC LP
Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

National regulations

Diethanolamine (111-42-2)
Listed on IARC (International Agency for Research on Cancer)

15.3. US State regulations

Diethanolamine (111-42-2)					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	No	No	No		

Ethanol					
U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	Yes	No	No		

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 01/2023

Other information : None.

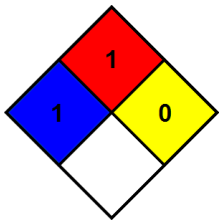
Full text of H-statements:

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H227	Combustible liquid
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 1 - Materials that must be preheated before ignition can occur.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 1 Slight Hazard - Materials that are normally stable but can become unstable (self-react) at high temperatures and pressures. Materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors.

Personal protection : B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.