

MATERIAL SAFETY DATA SHEET

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Vendor Update: 6/3/2002
Date Prepared: 7/18/2003
MSDS Number: HW059 ; SM716 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: CLEAR MACARONI
HMIS Ratings:
 Health: Minimal(0)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)
NFPA Ratings:
 Health: Minimal(0)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredient	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
VINYL CHLORIDE MONOMER							
Notes							
Other:	VINYL CHLORIDE MONOMER (VCM) IS AN OSHA REGULATED MATERIAL (REFER TO OSHA 1910.1017 FOR DETAILS). MATERIAL HEATED AT 350° AS LESS THAN .01 PART VCM/M3						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: DUST AND FUMES MAY BE IRRITATING TO THE EYES.
Skin: DUST AND FUMES MAY CAUSE SLIGHT IRRITATION TO SENSITIVE PEOPLE.
Ingestion: NOT A LIKELY ROUTE OF EXPOSURE.
Inhalation: FUMES FROM PROCESS MAY BE IRRITATING TO THE MUCUOUS MEMBRANES OF THE RESPIRATORY TRACT.
Medical Conditions Aggravated by Exposure:
Other: PERMISSIBLE CONCENTRATIONS (AIR): N/A.

IV. FIRST AID MEASURES

Eyes: IF SYMPTOMS DEVELOP, FLUSH EYES WITH ADEQUATE STREAM OF WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
Skin: WASH THOROUGHLY WITH WATER.
Ingestion: NO EFFECT EXPECTED. IF LARGE AMOUNTS INGESTED, SEEK MEDICAL ATTENTION.
Inhalation: REMOVE TO FRESH AIR IF SYMPTOMS DEVELOP.

V. FIRE FIGHTING MEASURES

Flash Point:	590°F
Lower Flammability Limit:	N/A
Upper Flammability Limit:	N/A
Extinguishing Agents:	WATER, DRY CHEMICAL.
Unusual Fire or Explosion Hazards:	DECOMPOSITION BY BURNING (GENERATING HCL GAS).
Fire Fighting Procedures:	WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPRATUS AND FULL PROTECTIVE CLOTHING IN FIRE CONDITIONS.
Other:	AUTOIGNITION TEMPERATURE: +850°F.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	CAREFULLY SWEEP OR VACUUM UP AND PLACE IN MARKED CONTAINERS FOR REUSE OR RECYCLE.
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VII. HANDLING AND STORAGE

Other:	STORE IN CLOSED CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM DIRECT HEAT.
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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes:	WEAR SAFETY GLASSES WITH SIDE SHIELDS.
Skin:	GLOVE: NOT NECESSARY, BUT SENSITIVE PEOPLE SHOULD WEAR THEM.
Respiratory:	A NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE WORN IF THE PEL IS EXCEEDED.
Engineering:	VENTILATION: GENERAL ROOM VENTILATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	VARIOUS COLORS
Boiling Point:	N/A
Freezing Point:	N/A
Solubility in Water:	NEGLIGIBLE
Specific Gravity:	.00 – .50 DEPENDING ON FORMULATION

X. STABILITY AND REACTIVITY

Stability:	STABLE
Hazardous Polymerization:	WILL NOT OCCUR.
Hazardous Decomposition Products:	CO, CO2 HCL
Incompatible Products:	ACETAL AND/OR ACETAL COPOLYMER OR WITH AMINE CONTAINING MATERIALS DURING PROCESSING.

Conditions To Avoid: EXCESSIVE HEAT FOR PROLONGED PERIODS.

XI. TOXICOLOGICAL INFORMATION

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GOVERNMENT REGULATIONS.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: N/A

D.O.T. Hazard Class: N/A

XV. REGULATORY INFORMATION

TSCA Status: ALL INGREDIENTS AND/OR MATERIALS USED IN THE MANUFACTURE OF OUR VINYL (PLASTIC) COMPOUNDS HAVE BEEN REGULATED IN ACCORDANCE TO THE RULES OF THE TOXIC SUBSTANCES CONTROL ACT.

EPA Sara Title III Chemical Listings: SARA TITLE III HAZARD CATEGORIES: IMMEDIATE (ACUTE) HEALTH:NO; DELAYED (CHRONIC) HEALTH:NO; FIRE HAZARD:NO; REACTIVE HAZARD:NO; SUDDEN RELEASE OF PRESSURE:NO.

Supplemental State Compliance Information: OSHA: VINYL CHLORIDE MONOMER (VCM) IS AN OSHA REGULATED MATERIAL (OSHA 1910.1017).

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.