

\* Funky Groovy kit \*

64922-1009  
Kit

Rwd 05-21-04 ✓

MATERIAL SAFETY DATA SHEET

Fuchsia

1011

Rupert, Gibbon and Spider  
PO Box 425  
Healdsburg, CA 95448  
1-800-442-0455

Issue Date: 05/27/94

Rev.: E  
CIDS: 54408

SECTION 1 NAME & HAZARD SUMMARY

Material name:

PROCION® Red MX-8B

Hazard summary (as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Physical hazards: None

Health hazards: Skin irritant, eye irritant, pulmonary (lung) sensitizer

Read the entire MSDS for a more thorough evaluation of the hazards.

SECTION 2 INGREDIENTS

OSHA PEL

Azo dichlorotriazine reactive dye	Not listed
Other nonhazardous ingredients	Not listed

Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications.

SECTION 3 PHYSICAL DATA

Boiling point: Not applicable  
Vapor pressure (mmHg at 20°C): No data  
Vapor density (air = 1): No data  
Solubility in water: 50 g/l  
pH: No data  
Specific gravity: About 1  
% Volatile by volume: Negligible  
Appearance and odor: Red odorless powder

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash point (and method): Not applicable  
Autoignition temp.: No data  
Flammable limits (STP): Not applicable

Extinguishing media:  
Water fog, foam, carbon dioxide, dry chemical, halogenated agents.

Special fire fighting protective equipment:  
Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:  
This product may form explosive dust clouds in air.

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MATERIAL SAFETY DATA SHEET (continued)

PROCION Red MX-8B

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**SECTION 5 REACTIVITY DATA**

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**Stability:**

Stable under normal conditions.

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**Incompatibility (materials to avoid):**

Oxidizing agents.

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**Hazardous decomposition products:**

Combustion products: Carbon dioxide, carbon monoxide, nitrogen oxides, ammonia, sulfur oxides, halogen, halogen acids, possible trace amounts of carbonyl halide.

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**Hazardous polymerization:**

Will not occur.

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**SECTION 6 HEALTH HAZARD ASSESSMENT**

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**General:**

Limited toxicity data are available on this specific product; this health hazard assessment is based on the results of screening tests.

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**Ingestion:**The acute oral LD<sub>50</sub> in rat is above 5 g/kg. Relative to other materials, a single dose of this product is practically nontoxic by ingestion.

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**Eye contact:**

This material is slightly irritating in rabbit eye studies; a similar degree of irritation will probably occur after human eye contact.

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**Skin contact:**

This material is slightly irritating in rabbit dermal irritation studies. Irritation may develop following repeated and/or prolonged contact with human skin.

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**Skin absorption:**

This product is not likely to be absorbed through human skin.

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**Inhalation:**

Although the potential for respiratory sensitization is expected to be low from exposures to dusts generated from this dyestuff, some individuals have developed respiratory allergic reactions after repeated and/or prolonged exposures to high atmospheric concentrations of dust from some reactive dyes, of which Procion dyes are one type. Cough, tightness in chest, and/or asthmatic wheezing may be signs of respiratory allergy.

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**Other effects of overexposure:**

No other adverse clinical effects are known to be associated with exposures to this material.

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**First aid procedures:****Skin:** Wash material off the skin with plenty of soap and water. If redness, itching or a burning sensation develops, get medical attention.

---continued---

## MATERIAL SAFETY DATA SHEET (continued)

PROCION Red MX-8B

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**SECTION 6 HEALTH HAZARD ASSESSMENT (continued)**

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## First aid procedures (continued):

Eyes: Immediately flush with plenty of water for at least 15 minutes. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

Ingestion: Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

Inhalation: Remove victim to fresh air. If cough or other respiratory symptoms develop, consult medical personnel.

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**SECTION 7 SPILL OR LEAK PROCEDURES**

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## Steps to be taken in case material is released or spilled:

Wear skin, eye and respiratory protection during cleanup. Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash down spill area with water and flush to a sewer serviced by a wastewater treatment facility. Use care to minimize the amount of dyestuff that reaches the sewer.

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Disposal method:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

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Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue and puncture or otherwise destroy empty container before disposal.

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**SECTION 8 SPECIAL PROTECTION INFORMATION**

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## TLV® or suggested control value:

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

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Ventilation:

Use local exhaust to keep exposures to a minimum.

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Respiratory protection (specify type):

If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes whose TLV is greater than 0.05 mg/m<sup>3</sup>.

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Protective clothing:

Gloves, apron and arm covers to avoid skin contact (see Section 9).

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Eye protection:

Chemical tight goggles.

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Other protective equipment:

Eyewash station and safety shower in work area.

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## MATERIAL SAFETY DATA SHEET (continued)

PROCION Red MX-8B

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**SECTION 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS**

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Precautions to be taken in handling or storing:

Follow procedures specified in the National Fire Protection Association Codes and Standards for handling explosive dusts. Maintain good housekeeping to avoid dust buildup. Avoid skin contact; stains may be difficult to remove without injuring the skin. Prevent eye contact. Minimize inhalation exposure to dusts. A sensitized individual should not be exposed to the product which caused the sensitization.

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**\*\*\*SECTION 10 REGULATORY INFORMATION**

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TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are on the TSCA Chemical Substance Inventory.

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CERCLA and SARA Regulations (40 CFR 355, 370, and 372):

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

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The information herein is given in good faith  
but no warranty, expressed or implied, is made.

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Prepared/Reviewed: 11/3/86

\*\*\*This line or section contains revisions or new statements since  
the last issue date.

**MATERIAL SAFETY DATA SHEET**

RUPERT, GIBBON & SPIDER, INC.  
 P.O. BOX 425  
 HEALDSBURG, CA. 95448  
 1-800-442-0455

ISSUE DATE: 5/24/00

**I - PRODUCT IDENTIFICATION**

PRODUCT NAME .....STANDARD REACTIVE TURQUOISE MX-G  
 PRODUCT CODE NUMBER ..  
 CHEMICAL FAMILY .....  
 COLOR INDEX NAME .....REACTIVE BLUE 140  
 T.S.C.A. STATUS .....COMPLIANCE

**II - HAZARDOUS INGREDIENTS**

HAZARDOUS COMPONENTS:

CURRENT TLV'S:

**III - PHYSICAL DATA**

APPEARANCE .....POWDER  
 COLOR .....BLUE  
 ODOR .....ODORLESS  
 SOLUBILITY IN WATER .....SOLUBLE  
 pH .....N/A

**IV - FIRE AND EXPLOSION DATA**

FLASH POINT .....Not Applicable  
 EXTINGUISHING MEDIA .....Water, Dry Chemical, CO2, Foam  
 SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL  
 FIRE OR EXPLOSION HAZARDS: Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering

**V - HEALTH EFFECTS DATA**

ANIMAL TOXICITY ORAL - LD50 (INGESTION) ..... NO DATA  
 FISH, LC50 ..... NO DATA  
 EYE EFFECTS ..... POSSIBLE IRRITANT  
 SKIN EFFECTS ..... POSSIBLE IRRITANT  
 HUMAN EFFECTS OF OVEREXPOSURE ..... CONTACT WITH EYES & SKIN MAY RESULT IN IRRITATION. INGESTION MAY RESULT IN GASTRIC DISTURBANCES. INHALATION MAY CAUSE RESPIRATORY IRRITATION.

**VI - EMERGENCY AND FIRST AID PROCEDURES**

EYE CONTACT ..... Wash immediately with large amounts of water, occasionally lifting the upper and lower lids until no evidence of product remain. Get medical attention. Do not wear contact lenses while handling.

SKIN CONTACT ..... Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION ..... If swallowed, do not induce vomiting. Qualified medical personnel should remove the product by gastric lavage and catharsis. Get medical attention.

INHALATION ..... If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

**VII - EMPLOYEE PROTECTION RECOMMENDATIONS**

EYE PROTECTION ..... Employees should wear protective eye-goggles.

SKIN PROTECTION ..... This material may be absorbed via the dermal route if prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves, and boots are recommended. Additional protection such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work.

RESPIRATORY PROTECTION ..... NIOSH approved dust respirator.

VENTILATION ..... Use local ventilation if dusting is a problem.

OTHER ..... Emergency showers and eye wash stations should be available.

**VIII - REACTIVITY DATA**

STABILITY ..... STABLE  
 POLYMERIZATION ..... WILL NOT OCCUR  
 INCOMPATIBILITY (MATERIALS TO AVOID) ..... NONE KNOWN  
 HAZARDOUS DECOMPOSITION PRODUCTS ..... LIKE ANY OTHER ORGANIC PRODUCT  
 COMBUSTION WILL PRODUCE CARBON  
 DIOXIDE AND MAY PRODUCE CARBON  
 MONOXIDE. OXIDES OF NITROGEN AND  
 SULFUR MAY ALSO BE PRODUCED

**IX - SPILL OR LEAK PROCEDURES**

**IN CASE MATERIAL IS RELEASED/SPILLED:** Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent materials and place into containers for later disposal. Scrub spilled area with detergent, flush with copious amount of water.

**WASTE DISPOSAL METHOD:** Waste disposal should be in accordance with existing federal, state and local environmental regulations.

**X - SPECIAL PRECAUTIONS AND STORAGE DATA**

**HANDLING AND STORING PRECAUTIONS:** Store in dry place, away from excessive heat, in original or similar waterproof container. Reseal container immediately after use. Avoid unnecessary contact.

**XI - SHIPPING DATA**

PROPER SHIPPING NAME: NON-HAZARDOUS  
 D.O.T. HAZARD CLASSIFICATION: NON-REGULATED  
 FRT. CLASS PACKAGE:

**XII - APPROVALS**

DATE PRINTED .....5/24/00  
 DATE APPROVED .....5/24/00  
 APPROVED BY .....DAVID PICHA  
 TITLE .....PRESIDENT

STANDARD DYES INC WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL AND IS REASONABLY FIT FOR THE SPECIFIC PURPOSES REFERRED TO IN ITS DIRECTIONS FOR USE, SUBJECT TO THE INHERENT RISKS REFERRED TO IN THE MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT. STANDARD DYES INC MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESSED OR IMPLIED WARRANTY. IN NO CASE SHALL STANDARD DYES INC

**PRODUCT:** STANDARD REACTIVE TURQUOISE MX-G

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BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**PRODUCT: STANDARD REACTIVE TURQUOISE MX-G**

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**MATERIAL SAFETY DATA SHEET**

**ISSUE DATE: 10/01/98**

**Rupert, Gibbon & Spider  
P.O. BOX 425  
HEALDSBURG, CA. 95448**

**I - PRODUCT IDENTIFICATION**

**PRODUCT NAME ..... YELLOW MX-8G  
PRODUCT CODE NUMBER  
CHEMICAL FAMILY ..... AZO  
COLOR INDEX NAME .....  
T.S.C.A. STATUS ..... IN COMPLIANCE**

**II - HAZARDOUS INGREDIENTS**

**HAZARDOUS COMPONENTS: NON HAZARDOUS**

**CURRENT TLV'S: NOT ESTABLISHED**

**III - PHYSICAL DATA**

**APPEARANCE ..... POWDER  
COLOR ..... YELLOW  
ODOR ..... NONE  
SOLUBILITY IN WATER ..... SOLUABLE  
pH ..... NO DATA**

**IV - FIRE AND EXPLOSION DATA**

**FLASH POINT ..... Not Applicable  
EXTINGUISHING MEDIA ..... Water, Dry Chemical, CO2, Foam  
SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL  
FIRE OR EXPLOSION HAZARDS: Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering**

**PRODUCT: YELLOW MX-8G**

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**V - HEALTH EFFECTS DATA**

ANIMAL TOXICITY ORAL - LD50 (INGESTION) .....MAY CAUSE IRRITATION  
 FISH, LC50 .....NO DATA  
 EYE EFFECTS.....MAY CAUSE IRRITATION  
 SKIN EFFECTS .....MAY CAUSE IRRITATION  
 HUMAN EFFECTS OF OVEREXPOSURE .....MAY CAUSE RESPIRATORY IRRITATION TO  
 SOME PEOPLE

**VI - EMERGENCY AND FIRST AID PROCEDURES**

EYE CONTACT .....Wash immediately with large amounts of water, occasionally lifting the upper and lower lids until no evidence of product remain. Get medical attention. Do not wear contact lenses while handling.

SKIN CONTACT .....Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION .....If swallowed, do not induce vomiting. Qualified medical personnel should remove the product by gastric lavage and catharsis. Get medical attention.

INHALATION .....If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

**VII - EMPLOYEE PROTECTION RECOMMENDATIONS**

EYE PROTECTION .....Employees should wear protective eye-goggles.

SKIN PROTECTION ..... This material may be absorbed via the dermal route if prolonged or widespread skin contact occurs. Employees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, rubber gloves, and boots are recommended. Additional protection such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work.

RESPIRATORY PROTECTION .....NIOSH approved dust respirator.

VENTILATION .....Use local ventilation if dusting is a problem.

OTHER .....Emergency showers and eye wash stations should be available.

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**VIII - REACTIVITY DATA**

STABILITY .....STABLE  
POLYMERIZATION .....DOES NOT OCCUR  
INCOMPATIBILITY (MATERIALS TO AVOID) .....NONE  
HAZARDOUS DECOMPOSITION PRODUCTS .....BURNING MAY PRODUCE OXIDES OF CARBON  
& NITROGEN

**IX - SPILL OR LEAK PROCEDURES**

IN CASE MATERIAL IS RELEASED/SPILLED: Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent materials and place into containers for later disposal. Scrub spilled area with detergent, flush with copious amount of water.

WASTE DISPOSAL METHOD: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

**X - SPECIAL PRECAUTIONS AND STORAGE DATA**

HANDLING AND STORING PRECAUTIONS: Store in dry place, away from excessive heat, in original or similar waterproof container. Reseal container immediately after use. Avoid unnecessary contact.

**XI - SHIPPING DATA**

PROPER SHIPPING NAME .....NON-HAZARDOUS  
D.O.T. HAZARD CLASSIFICATION .....Non-Regulated  
FRT. CLASS PACKAGE .....DYE MATERIALS

**XII - APPROVALS**

DATE PRINTED .....10/31/98  
DATE APPROVED.....08/01/98

**PRODUCT: YELLOW MX-8G**

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MATERIAL SAFETY DATA SHEET

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MARCH 14, 1997

RUPERT GIBBON & SPIDER, INC  
P.O. Box 425  
Healdsburg, California 95448

SODA ASH  
ORDER NO: 219535814  
PROD NO: 04621203

VAN WATERS & ROGERS INC. 1600 HORTON BLDG. SEATTLE, WA 98104-1564

EMERGENCY ASSISTANCE

FOR EMERGENCY ASSISTANCE INVOLVING CHEMICALS CALL CHEMTREC  
(800) 424-9300.

FOR PRODUCT AND SALES INFORMATION

CONTACT YOUR LOCAL VAN WATERS & ROGERS BRANCH OFFICE

PRODUCT IDENTIFICATION

PRODUCT NAME: SODA ASH CAS NO.: 497-19-8  
COMMON NAMES/SYNONYMS: SODIUM CARBONATE, ANHYDROUS VW&R CODE: T1120  
FORMULA: NA2 CO3 DATE ISSUED: 11/94  
HAZARD RATING (MANUFACTURER) SUPERCEDES: NONE  
HEALTH: 2 HAZARD RATING SCALE:  
FIRE: 0 0=MINIMAL 3=SERIOUS  
REACTIVITY: 0 1=SLIGHT 4=SEVERE  
SPECIAL: NONE 2=MODERATE

HAZARDOUS INGREDIENTS

COMPONENT	CAS NO.	%	EXPOSURE LIMITS, PPM			HAZARD
			OSHA PEL	ACGIH TLV	OTHER LIMIT	
SODIUM CARBONATE	(497-17-8)	100	NONE	NONE	NONE	IRRITANT

PHYSICAL PROPERTIES

BOILING POINT, DEG F: N/A VAPOR PRESSURE, MM HG/20 DEG C: N/A  
MELTING POINT, DEG F: 1564 VAPOR DENSITY (AIR=1): N/A  
SPECIFIC GRAVITY (WATER=1): 2.533 WATER SOLUBILITY, %: 30  
APPEARANCE AND ODOR: EVAPORATION RATE (BUTYL ACETATE=1): N/A  
ODORLESS, WHITE POWDER OR GRANULAR SOLID OR CRYSTAL.

FIRST AID MEASURES

IF INHALED: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET IMMEDIATE MEDICAL ATTENTION.  
IN CASE OF EYE CONTACT: IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION  
IN CASE OF SKIN CONTACT: IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.  
IF SWALLOWED: DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LOTS OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY

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## MATERIAL SAFETY DATA SHEET

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 MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.  
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-----HEALTH HAZARD INFORMATION-----

PRIMARY ROUTES OF EXPOSURE: INHALATION, SKIN OR EYE CONTACT.

SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: BREATHING DUST MAY IRRITATE THE NOSE AND THROAT AND CAUSE COUGHING AND CHEST DISCOMFORT. EXCESSIVE CONTACT CAN CAUSE DAMAGE TO THE NASAL SEPTUM.

EYE CONTACT: DUSTS WILL IRRITATE THE EYES AND PROLONGED CONTACT MAY DAMAGE THE EYES.

SKIN CONTACT: PROLONGED OR REPEATED CONTACT WITH THE DUST MAY IRRITATE THE SKIN WITH BLISTERING AND REDNESS. SOLUTIONS MAY CAUSE SEVERE IRRITATION OR BURNS.

SWALLOWED: SWALLOWING LARGE QUANTITIES MAY CAUSE NAUSEA, VOMITING, ABDOMINAL PAIN, DIARRHEA AND COLIC.

CHRONIC EFFECTS OF EXPOSURE: MAY CAUSE SENSITIZATION.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE REPORTED.

-----TOXICITY DATA-----

ORAL: RATS LD50 = 4 G/KG

DERMAL: RABBITS 500 MG/24 HR. MODERATE IRRITATION

INHALATION: NO DATA FOUND.

CARCINOGENICITY: THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

OTHER DATA: NONE

-----PERSONAL PROTECTION-----

VENTILATION: LOCAL MECHANICAL EXHAUST VENTILATION CAPABLE OF MAINTAINING DUST EMISSIONS AT THE POINT OF USE BELOW THE PEL.

RESPIRATORY PROTECTION: IF USE CONDITIONS GENERATE DUSTS, WEAR A NIOSH-APPROVED RESPIRATOR APPROPRIATE FOR THOSE EMISSION LEVELS. APPROPRIATE RESPIRATORS MAY BE A FULL FACEPIECE OR A HALF MASK AIR-PURIFYING CART-RIDGE RESPIRATOR WITH PARTICULATE FILTERS, A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE, OR A SUPPLIED-AIR RESPIRATOR.

EYE PROTECTION: CHEMICAL GOGGLES AND FULL FACE SHIELD. IT IS GENERALLY RECOGNIZED THAT CONTACT LENSES SHOULD NOT BE WORN WHEN WORKING WITH CHEMICALS BECAUSE CONTACT LENSES MAY CONTRIBUTE TO THE SEVERITY OF AN EYE INJURY.

PROTECTIVE CLOTHING: LONG-SLEEVED SHIRT, TROUSERS, SAFETY SHOES, RUBBER GLOVES, AND RUBBER APRON.

OTHER PROTECTIVE MEASURES: AN EYEWASH AND SAFETY SHOWER SHOULD BE NEARBY AND READY FOR USE.

-----FIRE AND EXPLOSION INFORMATION-----

FLASH POINT, DEG F: N/A

FLAMMABLE LIMITS IN AIR, %

METHOD USED: N/A

LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: USE WATER SPRAY, DRY CHEMICAL, CO2, OR ALCOHOL FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE.

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## MATERIAL SAFETY DATA SHEET

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UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTINGUISH ALL NEARBY SOURCES OF IGNITION.

## -----HAZARDOUS REACTIVITY-----

STABILITY: STABLE . POLYMERIZATION: WILL NOT OCCUR  
 CONDITIONS TO AVOID: OPEN FLAMES, WELDING ARCS, OR OTHER HIGH TEM-  
 PERATURE SOURCES WHICH MAY INDUCE THERMAL DECOMPOSITION.

MATERIALS TO AVOID: ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: MAY LIBERATE CARBON MONOXIDE,  
 CARBON DIOXIDE OR OXIDES OF SODIUM.

## -----SPILL, LEAK, AND DISPOSAL PROCEDURES-----

ACTION TO TAKE FOR SPILLS OR LEAKS: WEAR PROTECTIVE EQUIPMENT INCLUDING RUBBER BOOTS, RUBBER GLOVES, RUBBER APRON, AND A SELF-CONTAINED BREATHING APPARATUS IN THE PRESSURE DEMAND MODE OR A SUPPLIED-AIR RESPIRATOR. IF THE SPILL OR LEAK IS SMALL, A FULL FACEPIECE AIR-PURIFYING CARTRIDGE RESPIRATOR EQUIPPED WITH PARTICULATE FILTERS MAY BE SATISFACTORY. IN ANY EVENT, ALWAYS WEAR EYE PROTECTION. FOR SMALL SPILLS, SWEEP UP AND DISPOSE OF IN DOT-APPROVED WASTE CONTAINERS. FOR LARGE SPILLS, SHOVEL INTO DOT-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOIL. COMPLY WITH ALL APPLICABLE GOVERNMENTAL REGULATIONS ON SPILL REPORTING, AND HANDLING AND DISPOSAL OF WASTE.

DISPOSAL METHODS: DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

NOTE: EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MISTS AND ARE SUBJECT TO PROPER WASTE DISPOSAL, AS ABOVE.

## -----SPECIAL PRECAUTIONS-----

STORAGE AND HANDLING PRECAUTIONS: STORE IN A COOL, DRY, WELL-VENTILATED PLACE. STORE AWAY FROM ALL OTHER CHEMICALS AND POTENTIAL SOURCES OF CONTAMINATION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT USE PRESSURE TO EMPTY CONTAINER. WASH THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

REPAIR AND MAINTENANCE PRECAUTIONS: NONE.

OTHER PRECAUTIONS: CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

## -----FOR ADDITIONAL INFORMATION-----

CONTACT DOUGLAS EISNER, TECHNICAL DIRECTOR, VAN WATERS & ROGERS INC.  
 DURING BUSINESS HOURS, PACIFIC TIME (206)447-3911

## -----NOTICE-----

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MATERIAL SAFETY DATA SHEET

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RELATE TO ITS USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY OTHER  
PROCESS.

\*\*\*\* E N D O F M S D S \*\*\*\*