
MATERIAL SAFETY DATA SHEET

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Revised 6/21/01
Replaces 10/03/00
Printed 7/26/01

RX-2

MSDS ID: 02278

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:

Product Descriptor:

MANUFACTURER:

DUBOIS CHEMICALS
3630 E. KEMPER RD.
CINCINNATI, OH 45241

EMERGENCY PHONE NUMBERS:

MEDICAL (COLLECT): (303)592-1024
CHEMTREC: (800)424-9300
DUBOIS (24 Hours): (800)543-4906

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
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RX-2		>30%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: CAUSES BURNS TO EYES, IRRITATES SKIN.

CHRONIC: SAME AS ACUTE

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Sensitive skin

IV. FIRST AID MEASURES

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 300

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: NONE

UEL: NONE

EXTINGUISHING MEDIA: CO2, FOAM, DRY CHEMICALS

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. STORE IN DRY PLACE BETWEEN 50 DEGREES F. AND 120 DEGREES F. KEEP BUNGS IN CONTAINER. KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP OUT OF THE REACH OF CHILDREN.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: FACE SHIELD, SPLASH GOGGLES
PROTECTIVE GLOVES: NON-ABSORBENT
OTHER PROTECTIVE CLOTHING/EQUIPMENT: CLOTHING TO PREVENT PROLONGED SKIN CONTACT.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: NORMAL AIR DILUTION
LOCAL VENTILATION: NO

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:

BOILING POINT (DEG F): 212	FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY:	
pH:	pH 1% SOLUTION: Not Determined
VOLATILE BY VOLUME: 88	
VAPOR PRESSURE(mmHg): 17.5 at 20 C	VAPOR DENSITY: N/A

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: CO WITH INCOMPLETE COMBUSTION NITROGEN OXIDES.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
HAZARDOUS POLYMERIZATION: NONE

XI. TOXICOLOGICAL INFORMATION

No data available.
TOXICITY TEST DATA:
No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.
USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. NO PHOSPHATES. PLACE EMPTY CONTAINER IN TRASH OR RECYCLE IN AN APPROVED PROGRAM.

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XIV. TRANSPORT INFORMATION

D.O.T. CLASS: COMPOUND, DEODORANT OR DISINFECTANT,N.O.I., LIQUID OTHER THAN MEDICAL.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: Lb/Gal VOC:

CERCLA/EPCRA:

Section 313 Toxic Chemicals: None

SARA Section 311/312:

ACUTE:NO CHRONIC:NO FIRE:NO REACTIVITY:NO

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: C

NFPA RATING: HEALTH: FIRE: REACTIVITY: SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM CARBONATE - CAS #497-19-8

WATER - CAS #7732-18-5

NONYLPHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE - CAS #68424-85-1

DIALKYL DIMETHYL AMMONIUM CHLORIDE - CAS #68424-95-3

TETRASODIUM ETHYLENEDIAMINE TETRAACETATE - CAS #64-02-8

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

XVI. OTHER INFORMATION

DISCLAIMER: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.