

QUADRANT CHEMICAL CORPORATION

200 Industrial Boulevard ~ McKinney, Texas 75069 972-542-0072

MATERIAL SAFETY DATA SHEET

ISSUE DATE: 03/29/2011

PRODUCT IDENTIFICATION

PRODUCT CODE **Quadfoam 500 Part B**

CHEMICAL FAMILY

Polyol Blend

Quadrant Chemical urges each customer to study this MSDS carefully to become aware of and understand the hazards associated with the product. Please convey this MSDS to all parties concerned.

HAZARD RATING

HEALTH	1	4 = EXTREME
FIRE	1	3 = HIGH
REACTIVITY	0	2 = MODERATE
		1 = SLIGHT
		0 - INSIGNIFICANT

COMPONENT INFORMATION

PROPRIETARY

CAS REG NO.

AMOUNT (%)

Polyol Blend

N / A

100

The specific chemical identity of this material is considered a trade secret. For medical purposes only.

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

The health effects noted below are consistent with requirements under (29 CFR 1910.1200).

INHALATION

If over exposed: move subject to fresh air. Give artificial respiration if breathing has stopped. See a physician.

INGESTION

Rinse mouth and drink plenty of water, then Induce vomiting only if the victim is conscious and not convulsing. Seek immediate medical attention.

EYE AND SKIN CONTACT

IMMEDIATELY flush eyes with a large amount of water for at least 15 minutes. Wash affected skin areas thoroughly with soap and water. See a physician.

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FIRE FIGHTING INFORMATION

Unusual Hazards

No unusual hazards

Extinguishing Agents

Use the following extinguishing media when fighting fires involving this material:
- polar solvent (alcohol) foam - carbon dioxide - water spray - dry chemical

Personal Protective Equipment

Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Special Procedures

Use water spray to cool fire exposed containers.

SPILL OR LEAK HANDLING INFORMATION

Personal Protection

Not normally needed. If ventilation poor or handled hot:
Wear full protective equipment including: gloves and boots, chemical splash goggles and face shield (ANSI Z-87.1 or approved equivalent).

Procedures

May burn although not readily ignitable. Avoid all contact. Contain spills immediately with inert materials (e.g. sand, earth). Transfer liquids and solid diking material to separate suitable containers for recovery or disposal. See WASTE DISPOSAL Section for information regarding the disposal of contained spills.

CAUTION: Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

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HAZARD INFORMATION

HEALTH EFFECTS FROM OVEREXPOSURE

Primary Routes of Exposure

Inhalation - Ingestion - Skin Contact - Eye Contact

Inhalation

Inhalation of vapor or mist can cause the following:
Moderate to severe irritation may be experienced.

Eye Contact

Material can cause the following:
May cause severe irritation to the eyes.

Skin Contact

This material may cause severe skin irritation.
Pre-existing skin allergies may increase the chance of developing increased allergy symptoms. Pre-existing skin and eye disorders may be aggravated by exposure.

Ingestion

May cause gastrointestinal disturbances and irritation of the mouth and throat.

FIRE AND EXPLOSIVE PROPERTIES

Flash Point	CC	.....	> 200 °C
Lower explosive limit		.....	Not determined - low volatility
Upper explosive limit		.....	Not determined - low volatility

REACTIVITY INFORMATION

Instability

This material is considered stable under specified conditions of storage, shipment and/or use. See STORAGE AND HANDLING INFORMATION Section for specified conditions.

Hazardous Decomposition Products

Carbon dioxide and carbon monoxide.

Hazardous Polymerization

Will not occur under normal conditions.

Incompatibility

Avoid contact with strong acids, bases and oxidizing agents.

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ACCIDENT PREVENTION INFORMATION

COMPONENT EXPOSURE INFORMATION

Component

ACGIH/TLV

OSHA-PEL

Not Established

Not Established

PERSONAL PROTECTION MEASURES

Respiratory Protection

Not normally needed. If material is heated some vapors may be produced. Atmospheric levels should be maintained below the exposure limit. If no limit has been established, general and or local ventilation should be used to minimize exposure. Air -purifying masks should be used when fumes of vapors are concentrated in the work area.

Eye Protection

Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). Eye protection worn must be compatible with respiratory protection system employed.

Hand Protection

The gloves listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection.
- butyl rubber
- VITON ® (REGISTERED TRADEMARK OF E.I. DUPONT)

Other Protection

Where splashing is possible, full chemically resistant protective clothing.

FACILITY CONTROL MEASURES

Ventilation

Refer to the current edition of
Industrial Ventilation: A Manual of Recommended Practice
published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use and maintenance of exhaust systems.
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

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STORAGE AND HANDLING INFORMATION

Storage Conditions

Store away from excessive heat (e.g. steam pipes, radiators), and from reactive materials. Keep container tightly closed when not in use. Avoid temperatures above 80 °F. Store in a cool dry area.

Handling Procedures

See the PERSONAL PROTECTION MEASURES Section prior to handling.

Other

CONTAINER MAY BE HAZARDOUS WHEN EMPTY.

Since emptied containers retain product residue (vapors and / or liquid) follow all MSDS and label warnings even after container is emptied. Residual vapors in empty containers may be present. DO NOT cut, drill, grind or weld on or near container.

SUPPLEMENTAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

Appearance	.....	Clear
State	.....	Liquid
Odor Characteristic	.....	Amine Like
Specific Gravity (Water = 1)	.....	.92
Vapor Density (Air = 1)	.....	N / A
Vapor Pressure	.....	N / A
Boiling Point ° C	.....	N / A
Solubility in water	.....	N / A
Percent Volatility	.....	N / A
Evaporation Rate (BAc = 1)	.....	Nil

TOXICITY INFORMATION

Acute Data

No toxicity data available for this material. The information shown in the HEALTH EFFECTS FROM OVEREXPOSURE Section is based on toxicity profiles of similar materials or on the components used in this material.

Waste Disposal

Under RCRA, it is the responsibility of the user of products to determine, at the time of disposal, whether product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixture, process, etc. may render the resulting material hazardous. Product as purchased may be disposed of by incineration. Most states prohibit disposal of liquids in landfills. For waste disposal purposes, this product is not known to be defined or designated as hazardous by current provisions of the Federal (EPA) Resource Conservation and Recovery Act (RCRA, 40CFR261). For disposal purposes, waste must be tested in accordance with applicable Federal, state and local regulations where the waste material is generated, treated and / or disposed of to verify the appropriate classification.

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REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

This product is considered Non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

TRANSPORTATION CLASSIFICATIONS

US DOT Hazard Class Non-restricted

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE III)

Section 311 / 312 Categorizations (40CFR 370)

This product is a non-hazardous chemical under 29CFR 1910.1200, and is categorized as

Not a health hazard.

Section 313 Information (40CFR 372)

This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

CERCLA INFORMATION (40CFR 302.4)

This material does not have a component or components with a reportable quantity under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic under 40 CFR 261 C. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. [Not a RCRA-regulated product.] (Resource Conservation and Recovery Act, 40 CFR 261.20-24). Not listed in 40 CFR 261.33. See Disposal Section.

CALIFORNIA Proposition 65

This product contains a Chemical which the State of California has found to cause cancer, birth defects, or other reproductive harm.

CALIFORNIA SCAQMD RULE 443.1 VOC'S: *NONE*

CHEMICAL CONTROL LAW STATUS

All components of this product are listed on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Quadrant Chemical Corporation assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions, in addition to those described herein, are required. It is your responsibility to utilize the information we have supplied to develop work practice guidelines and employee instructional programs for the individual operation.