

SAFETY DATA SHEET

SDS 0248

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

	HMIS CODES
PRODUCT NAME Aquasorb	Health 2 Flammability 2 Reactivity 0
PRODUCT CODES 68402, 68404	PPI B
CHEMICAL FAMILY Organic	
USE Concentrated Fuel Tank Water Dispersant	
MANUFACTURER'S NAME The RectorSeal Corporation 2601 Spenwick Drive Houston, Texas 77055 USA	EMERGENCY TELEPHONE NO. Chemtrec 24 Hours (800)424-9300 USA (703)527-3887 International
DATE OF VALIDATION February 22, 2013	TECHNICAL SERVICE TELEPHONE NO. (800)231-3345 or (713)263-8001
DATE OF PREPARATION February 22, 2013	

Section 2 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

OSHA Hazards

Combustible Liquid, Target Organ Effect, Harmful by ingestion., Harmful by skin absorption. Irritant

TARGET ORGANS

Target Organs

Blood, Kidney, Liver, Central nervous system, Testes.

Other hazards which do not result in classification

Rapidly absorbed through skin.

GHS CLASSIFICATION

Flammable liquids (Category 4)

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 4)

Acute toxicity, Dermal (Category 4)

Skin irritation (Category 2)

Eye irritation (Category 2A)

GHS Label elements, including precautionary statements

Pictogram: Flammable, Irritant

Signal Word: Warning

Hazard Statements:

H227 Combustible liquid

H302 + H312 Harmful if swallowed or in contact with skin

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

Precautionary Statements:

P280 Wear protective gloves/ protective clothing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

SUMMARY OF ACUTE HAZARDS

Overexposure may cause coughing, shortness of breath, dizziness, central nervous system depression, intoxication and collapse. It may cause irritation to the respiratory tract and to other mucous membranes.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Overexposure may cause coughing, shortness of breath, dizziness, central nervous system depression, intoxication and collapse. It may cause irritation to the respiratory tract and to other mucous membranes.

EYE CONTACT

Severely irritating. If not removed promptly, will injure eye tissue, which can result in permanent damage.

SKIN CONTACT

Frequent or prolonged contact may irritate and cause dermatitis. Low order of toxicity.

INGESTION

Low order of toxicity. Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchiopneumonia or pulmonary edema.

SUMMARY OF CHRONIC HAZARDS

Repeated or prolonged exposure may cause signs of central nervous system depression and respiratory irritation. This material has been shown to induce tumors in laboratory animals.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Glycol Butyl Ether

PERCENTAGE BY WEIGHT: 6.97

CAS NUMBER: 111-76-2

EC# : 203-905-0

INGREDIENT: Solvent Naphtha

PERCENTAGE BY WEIGHT: 71.57

CAS NUMBER: 64742-94-5

EC# : 265-198-5

INGREDIENT: Isopropyl Alcohol

PERCENTAGE BY WEIGHT: 9.83

CAS NUMBER: 67-63-0

EC# : 200-661-7

Section 4 -- FIRST AID MEASURES

If INHALED: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.

If on SKIN: Immediately flush with large amounts of water; use soap if available. Remove contaminated clothing.

If in EYES: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.
If SWALLOWED: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

=====
Section 5 -- FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: May give off lead fumes.

=====
Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

=====
Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep away from heat, sparks and open flames.

OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all products precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

=====
Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT UNITS

Glycol Butyl Ether

ACGIH TLV 25 ppm

OSHA PEL 25 ppm

Solvent Naphtha

ACGIH TLV N/D

OSHA PEL N/D

Isopropyl Alcohol

ACGIH TLV 200 ppm

OSHA PEL 400 ppm

NIOSH REL 400 ppm

RESPIRATORY PROTECTION (SPECIFY TYPE): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air purifying or supplied air respirators.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion-proof equipment.

MECHANICAL (GENERAL): Preferable

OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Chemical splash goggles (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

=====
Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES
=====

BOILING POINT: 392-500 F @ 760mm Hg
SPECIFIC GRAVITY (H2O = 1): 0.96
VAPOR PRESSURE (mm Hg): N/D
MELTING POINT: N/A
VAPOR DENSITY (AIR = 1): 2.5
EVAPORATION RATE (ETHYL ACETATE = 1): <1
APPEARANCE/ODOR: Dark Brown / Petroleum Odor
SOLUBILITY IN WATER: Slightly Soluble
VOLATILE ORGANIC COMPOUNDS(VOC)Content
(Theoretical Percentage By Weight): 88% or 845 g/L
Flash POINT 200 F (93 C) SETA CC
LOWER EXPLOSION LIMIT N/D
UPPER EXPLOSION LIMIT N/D

=====
Section 10 -- STABILITY AND REACTIVITY
=====

STABILITY: Stable
CONDITIONS TO AVOID: Heat, sparks, open flames.
INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizers, acids and bases.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2, fragmented hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

=====
Section 11 -- TOXICOLOGY INFORMATION
=====

TOXICOLOGY DATA
Ingredient Name

Glycol Butyl Ether
Oral-Rat LD50:470 mg/kg
Inhalation-Rat LC50:2900 mg/m3
Solvent Naphtha
Oral-Rat LD50:N/D
Inhalation-Rat LC50:N/D
Isopropyl Alcohol
Oral-Rat LD50:5045 mg/kg
Inhalation-Rat LCLo:16,000 ppm/4H

=====
Section 12 -- Ecological Information
=====

ECOLOGICAL DATA
Ingredient Name

Glycol Butyl Ether
Food Chain Concentration Potential: N/D
WATERFOWL TOXICITY: N/D
BOD: 26%, 5 Days
AQUATIC TOXICITY: 1000 ppm/24 hr/brine shrimp/TLm
Solvent Naphtha
Food Chain Concentration Potential: N/D
WATERFOWL TOXICITY: N/D
BOD: N/D

AQUATIC TOXICITY: N/D
Isopropyl Alcohol
Food Chain Concentration Potential: N/D
WATERFOWL TOXICITY: N/D
BOD: 133%, 5 days
AQUATIC TOXICITY: 900-1100 ppm/24 hr/chub/critical range

=====
Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated liquid waste. Dispose of absorbed materials and liquid waste in approved, controlled incineration facility in accordance with all local, state and federal regulations.
Disposal Method: Incineration, alternative fuel blending

=====
Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-regulated
OCEAN (IMDG): Non-regulated
AIR (IATA): Non-regulated

=====
Section 15 -- REGULATORY INFORMATION

REGULATORY DATA
Ingredient Name

Glycol Butyl Ether
SARA 313 No
TSCA Inventory Yes
CERCLA RQ N/A
RCRA Code N/A
Solvent Naphtha
SARA 313 No
TSCA Inventory Yes
CERCLA RQ N/A
RCRA Code N/A
Isopropyl Alcohol
SARA 313 No
TSCA Inventory Yes
CERCLA RQ N/A
RCRA Code N/A
=====

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001