

Safety Data Sheet

Rust-Solv

SECTION I - IDENTIFICATION

	Rite-Kem, Inc. 645 Westmoreland Drive Tupelo, MS 38801 (662) 840-6060 Chemtec :..... (800) 424-9300
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Product Number	RUST-SOLV
Product Name	Rust-Solv
Synonyms	NSN 6850-00-508-0076; 6850-00-973-9091; 6850-00-985-7180
CAS Number	Multiple
Date Prepared	5/28/2015
Revision Number	4/19/2018
Recommended Use	Industrial Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Aspiration Hazard

Category 1

DANGER!

GHS LABEL:



Hazard Statements

H304 May be fatal if swallowed and enters airways

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Precautionary Statements

P301+310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of contents/container to...

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Naphthenic Oil, Severly Hydrotreated	64741-44-2		Not Established	200 mg/m ³
Light Aromatic Solvent Naphtha	64742-95-2		Not Established	Not Established
2-Butoxyethanol	111-76-2		50 ppm	20 ppm

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, seek immediate medical attention.

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO₂, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards: If container is not properly cooled, it can explode in the heat of a fire.

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SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Environmental Precautions: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities.

Methods for Cleaning Up: Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container.

SECTION VII - HANDLING AND STORAGE

- Handling and Storage:**
- "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources.
 - Keep containers tightly closed when not in use.
 - Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling.
 - NFPA Class III B storage.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Naphthenic Oil, Severly Hydrotreated	64741-44-2	Not Established	200 mg/m ³
Light Aromatic Solvent Naphtha	64742-95-2	Not Established	Not Established
2-Butoxyethanol	111-76-2	50 ppm	20 ppm

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Follow accepted work practices for handling a flammable material. Do not eat, drink or smoke in areas where this chemical is used or stored. Have eye wash stations and safety showers readily available.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Brown Liquid
Odor	Bland Pleasant Odor
pH@25°C	N/A
Melting/Freezing Point	-
Flashpoint	>275°F (Open Cup ASTM D92)
Specific Gravity	0.85
Solubility	Negligible
Auto-Ignition Temperature	-
Decomposition Temperature	-
VOC Content	>99.9% (7.08#/gal)
Odor Threshold	-
Boiling Range	>500F
Evaporation Point	<1
Flammable Limits - Upper	6%
Flammable Limits - Lower	0.7%
Vapor Pressure	0.000367 psia @ 68F
Vapor Density (Air=1)	8 (Air=1)
Viscosity	-

SECTION X - STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Extreme heat and ignition sources.

Hazardous Decomposition/Byproducts: CO, CO₂, and various hydrocarbons under combustion conditions.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: None

Incompatibilities: Strong oxidizers

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SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: May cause irritation to the upper respiratory tract and CNS depression.
Low to moderate degree of toxicity by inhalation.

Eye Contact: Causes eye irritation including stinging, watering and redness which may result in corneal injury.

Skin Contact: Contact may cause mild skin irritation including redness, burning and drying/cracking of the skin.

Ingestion: Aspiration hazard. Can enter the lungs during swallowing or vomiting and cause chemical pneumonia and edema.
Low degree of toxicity by ingestion.

Toxicity:

Component Name	LD50	LC50
Naphthenic Oil, Severly Hydrotreated	Dermal - rabbit > 2gm/kg ; oral - rat > 5gm/kg	Inhalation - rat 1700mg/m ³ /4H
Light Aromatic Solvent Naphtha	Not Established	Not Established
2-Butoxyethanol	Oral - Rat - 470 mg/kg; Dermal - Rabbit - 220 mg/kg;	Inhalation - Rat - 4 h - 450 ppm

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Follow Federal, state, and local regulations.

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SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not Regulated

Contains:

Hazard Class and Label:

Identification Number:

Packaging Group:

Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X	X			

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
2-Butoxyethanol	111-76-2		5,000

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 0

HMIS Flammability: 1

HMIS Reactivity: 0

Additional:

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Specification Information

Department issuing data sheet: Quality Control

Email address: customerservice@ritekem.com

Training necessary: Follow product use instructions listed on the label. Any additional questions, contact Customer Service at 662-840-6060 or email customerservice@ritekem.com.

Disclaimer:

The information in this Safety Data Sheet and product label is believed to be accurate and reliable as of the date issued. Rite-Kem makes no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade. Accordingly, Rite-Kem will not be responsible for damages resulting from use of or reliance upon this information. The user is responsible for determining whether the Rite-Kem product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application on a Rite-Kem product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Rite-Kem product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.