

MATERIAL SAFETY DATA SHEET - REPORT NO. 005562-B  
FOR A PRODUCT CALLED "RUST-BUSTER"

DISTRIBUTED BY NORVEY, INC.

REPORT NUMBER: 005562-B, PAGE 1 (PREVIOUS REPORT NUMBER, NONE)  
EFFECTIVE DATE: 12/01/03 (PREVIOUS EFFECTIVE DATE, N.A.)

COMPANY ADDRESS:

NORVEY, INC.  
300 SOUTH STANDARD AVE.  
SANTA ANA, CA 92701  
TEL: (714) 973-0330  
FAX: (714) 973-2383  
E-MAIL: hbrody9001@aol.com

IF OUR ASSISTANCE IS REQUIRED DUE TO ANY KIND OF AN EMERGENCY WHICH MAY OCCUR DURING THE DAY AND/OR DURING THE NIGHT (INCLUDING WEEKENDS AND/OR HOLIDAYS), PLEASE CALL ONE OR MORE OF THE FOLLOWING TELEPHONE NUMBERS:

DAYS:

(714) 973-0330, DURING REGULAR BUSINESS HOURS, MONDAY-FRIDAY OR:

EVENINGS AND NIGHTS:

(714) 557-4161, (714) 641-6883 or (714) 283-5388

FOR SALES AND TECHNICAL ASSISTANCE: PLEASE CALL THE NORVEY, INC. HEADQUARTERS TELEPHONE NUMBER, (714) 973-0330 DURING THE WORK WEEK, OR USE FAX NUMBER (714) 973-2383.

1. PRODUCT IDENTIFICATION

The trade name of this product is "RUST-BUSTER"

It can be described as a paraffinic/napthenic solvent and/or an aliphatic solvent, that is primarily a petroleum distillate.

The CAS number for this product is:  
64742-47-8 distillate (petroleum), hydrotreated light.

REPORT NUMBER: 005562-B, PAGE 2  
EFFECTIVE DATE: 12/01/03

continued:

NOTE: This product should only be used as a penetrant for loosening rusted parts.

If it is used for any other purpose, please test the planned use in a safe manner, in order to avoid direct or indirect damage to any person or equipment.

Please also follow any and all of the safety precautions listed on this MSDS.

NORVEY, INC and/or any of its affiliated corporate and other entities, its distributors etc., all assume no responsibility for the use of this product other than for those uses described in this MSDS, when accompanied by all of the procedures herein described and also explained. The safety and use information described on this MSDS sheet should be used as the basis for descriptive literature and also all directions or instructions covered on any and all product literature.

## 2. COMPONENTS AND HAZARD CLASSIFICATION

This product is described by OSHA as a combustible, and it is also described by SARA 311/312, as a "fire hazard." It contains no chemicals in any quantity that would subject it to reporting procedures as mandated by SARA 302 or SARA 313.

## 3. PHYSICAL DATA

BOILING POINT (DEGREES F.):	368-405
SPECIFIC GRAVITY (H2O = 1):	0.809 @ 60 DEGREES F.
VAPOR PRESSURE (mm Hg.):	1.1 @ 100 DEGREES F.
MELTING POINT:	<-103 DEGREES F.
SOLUBILITY IN WATER:	NEGLIGIBLE
VAPOR DENSITY:	5.2
APPEARANCE AND ODOR:	WATER WHITE, OILY LIQUID WITH HYDROCARBON ODOR

## 4. FIRE AND EXPLOSION DATA

THE FIRE/EXPLOSION DATA OF THIS PRODUCT IS LISTED AS FOLLOWS:

FLASH POINT (TEST METHOD): 146 DEGREES F.  
AUTO-IGNITION TEMPERATURE: NOT AVAILABLE.  
FLAMMABLE LIMITS IN AIR: BY % VOLUME, APPROXIMATELY 0.7

FOR LOWER LIMIT AND 7 FOR UPPER LIMIT.  
EXTINGUISHING MEDIA: USE WATER SPRAY, DRY CHEMICAL OR  
ALCOHOL COMPATIBLE FOAM

REPORT NUMBER: 005562-B, PAGE 3  
EFFECTIVE DATE: 12/01/03

continued:

NOTE: Special fire fighting procedures should be used to cool exposed equipment with water spray, until long after fire is out. Self-contained breathing apparatus (SCBA) and structural fire fighter's protective clothing, will provide limited protection.

In regard to unusual fire and explosion hazards, this fluid is described as a NFPA class IIIa combustible fluid.

#### 5. HEALTH HAZARD INFORMATION

##### FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. If irritation persists, seek immediate medical attention.

SKIN: Flush skin with plenty of water. Remove contaminated clothing. Call a physician if irritation persists. Wash clothing before reuse.

INHALATION: Remove to patient fresh air. If not breathing, give artificial respiration and seek immediate medical attention. Oxygen should be administered only by trained personnel.

INGESTION: If swallowed, call a physician immediately. Never induce vomiting, unless instructed to do so by a physician. Avoid aspiration of vomitus into lungs, because even small quantities can result in aspiration pneumonitis.

##### NATURE OF HAZARD:

EYES: Liquid contact of this fluid to eyes, may cause irritation.

SKIN: Repeated or prolonged contact with liquid may cause irritation, reddening and dermatitis.

INHALATION: High vapor concentrations of this fluid, may cause headaches, stupor, irritation of throat/eyes and adverse kidney effects. Aspiration may cause critical pneumonia, or death.

INGESTION: This product has a low order of toxicity when ingested, but it does cause irritation of the stomach and

intestines, possibly resulting in nausea and vomiting.

EXPOSURE LIMITS:

Norvey, Inc. recommended PEL: 100 ppm, 525 mg/m<sup>3</sup> for 8-hour TWA  
(exposure limits for petroleum distillate Stoddard solvent)

REPORT NUMBER: 005562-B, PAGE 4

EFFECTIVE DATE: 12/01/03

continued:

TOXICITY DATA:

This product has not been specifically tested. Data from a similar product is given below:

EYE CONTACT: Primary Eye Irritation Index (Rabbit): Maximum average score - 3.0 after one hour (max. 110).

SKIN CONTACT: Primary Skin Irritation Index (Rabbit): 1.2 of 8

Acute Dermal Toxicity (Rabbit): LD50 2.0-4.0 gm/kg for a similar product.

INHALATION: No toxicity observed in rats exposed to this product for four hours, to 2 mg/l.

INGESTION: Acute Oral Toxicity (Rat): LD50 >5.0 gm/kg.

SPECIAL PRECAUTIONS: May cause skin irritation.

6. REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: High temperatures

INCOMPATIBILITY: May react with strong oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: None

7. SPILL OR LEAK PROCEDURES

TO ABSORB A SPILL

Absorb a spill with inert material, then place in chemical waste container. For large spills, contain and pick up fluid just as soon as possible. Dispose fluid according to local, state and federal regulations. In Canada, follow federal guidelines and also follow provincial guidelines.

WASTE CLASSIFICATION:

If discarded in its purchased form, this product is not designated as an RCRA hazardous waste. Current evaluation of the product may be required by the user at the time of disposal, since the utilization of the product, as well as the transformations and mixtures that have taken place during use, may change the above mentioned classification.

REPORT NUMBER: 005562-B, PAGE 5  
EFFECTIVE DATE: 12/01/03

continued:

#### 8. SPECIAL PROTECTION INFORMATION

##### VENTILATION RECOMMENDATIONS:

Air contaminant levels should be controlled below the PEL or TLV for this product (see Section 5, under Health Hazard Information). Mechanical ventilation may be needed if this product is used in an enclosed place.

##### SPECIFIC PERSONAL PROTECTIVE EQUIPMENT:

EYES: When contact with liquid may occur, please use a face shield and chemical goggles. Otherwise use safety glasses.

SKIN: Chemical gloves should be worn in order to prevent repeated contact with skin. If the potential for significant exposure to skin, eyes and lungs concerning this liquid exists, use full protective clothing in addition to chemical boots.

RESPIRATORY PROTECTION: Use NIOSH-approved organic vapor air purifying respirator, self-contained breathing apparatus and/or air supplied respirator, depending upon the concentration of product present.

#### 9. SHIPPING, TRANSFER AND STORAGE

##### SHIPPING INFORMATION:

For quantities greater than 119 gallons, please use the following designation:

DOT PROPER SHIPPING NAME: Petroleum distillates, n.o.s.  
DOT HAZARD CLASS: Combustible liquid  
DOT IDENTIFICATION NO.: UN 1268  
PACKING GROUP: III

For quantities less than, or equal to, 119 gallons, not regulated

This product is not a dangerous product as defined by IATA for

air transportation or IMO for water transport.

TRANSPORTATION AND STORAGE:

ELECTROSTATIC ACCUMULATION HAZARD: None expected  
STORAGE/TRANSPORT TEMPERATURE: Ambient  
STORAGE/TRANSPORT PRESSURE: Ambient  
VISCOSITY: 1.8 cSt @ 70 degrees F.  
1.4 cSt @ 100 degrees F.

REPORT NUMBER: 005562-B, PAGE 6  
EFFECTIVE DATE: 12/01/03  
continued:

10. REGULATORY INFORMATION

This material contains the following chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372: --NONE--

WARNING: This material contains the following chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm, and are subject to the requirements of California Proposition 65 (CA Health/Safety Code Section 25249.5):--None Known--

This material has not been identified as a carcinogen by NTP, IARC, or OSHA. For carcinogenicity information on individual components, see TOXICITY DATA.

EPA (CERCLA) Reportable Quantity: --None--

Legend for data listed below:

0, 1 (moderate), 2 (high), 3 (very high) 4 (extreme)

Degree of Hazard RATINGS	NFPA	HMIS
Health	1	1
Fire	2	2
Reactivity	0	0
Specific Hazards	None	
Personal Protection Index		a*

OTHER REGULATIONS: All components of this formulations are listed in the Domestic Substances List (DSL., Canadian) and in the Toxic Substance Control Act Inventory (TSCA). This product contains no known carcinogens.

WHMIS (Canada) Listed as a B-3 substance

DSCL (EEC) Listed under EINECS (Europe)

Japan/Australia Listed under MITI (Japan), AICS (Australia)  
EPA (CERCLA)  
(40 CFR 302.40) Not listed, no reportable quantities  
NTP/IARC/OSHA Has not been identified as a carcinogen  
EPCRA none -- use protective glasses when eyes are  
exposed to spray or liquid.

REPORT NUMBER: 005562-B, PAGE 7  
EFFECTIVE DATE: 12/01/03

continued:

NOTICE:

PLEASE MODIFY ANY AND ALL GRAPHICS, TYPOGRAPHY AND WORDING ON ALL EXISTING LITERATURE RELATED TO THIS COMMERCIAL PRODUCT, WHICH IS SOLD UNDER THE NAMES OF "RUST-BUSTER" SO THAT THE EXISTING LITERATURE IS CONSTANTLY MADE TO CONFORM TO THE SAFETY DATA AND HANDLING INFORMATION CONTAINED HEREIN.

NORVEY, INC. EXPRESSLY DISCLAIMS ALL ORAL, WRITTEN OR IMPLIED WARRANTIES, REGARDLESS OF WHETHER SUCH WARRANTIES ARE DIRECTLY OR INDIRECTLY IMPLIED, CONCERNING THE MARKETABILITY AND/OR FITNESS OF THIS PRODUCT FOR A PARTICULAR PURPOSE, OTHER THAN FOR THE USES WHICH ARE DESCRIBED AND HEREIN APPROVED IN THIS MATERIAL SAFETY DATA SHEET.

ALL INFORMATION APPEARING HEREIN IS BASED UPON DATA OBTAINED FROM THE PRIME INGREDIENT MANUFACTURERS, AND/OR FROM DATA SECURED FROM RECOGNIZED TECHNICAL AND LABORATORY SOURCES.

WHILE ALL OF THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ENTIRELY ACCURATE, NORVEY, INC. MAKES NO REPRESENTATIONS AS TO ITS TOTAL ACCURACY OR SUFFICIENCY. IN ADDITION, CONDITIONS OF USE ARE BEYOND THE CONTROL OF NORVEY, INC.

THEREFORE, ANY AND ALL USERS ARE RESPONSIBLE FOR VERIFYING THIS DATA IN RESPECT TO THEIR OWN OPERATING CONDITIONS AND/OR USES, IN ORDER TO DETERMINE WHETHER THIS PRODUCT IS SUITABLE FOR THE PARTICULAR PURPOSES AND USES INTENDED.

IN ADDITION, ANY AND ALL USERS MUST ASSUME ALL RISKS FOR THE UTILIZATION, HANDLING AND DISPOSAL OF THIS PRODUCT, WHEN IT IS UNDER THEIR CONTROL AND/OR IN THEIR POSSESSION. USERS MUST ALSO ASSUME ANY AND ALL RISKS RELATED TO THE PROPER USE, HANDLING AND DISPOSAL OF THIS PRODUCT.

THIS INFORMATION RELATES ONLY TO THE PRODUCT, HEREIN DESIGNATED  
AS "RUST-BUSTER"

IT DOES NOT RELATE TO THE USE OF THIS PRODUCT IN COMBINATION WITH  
ANY OTHER MATERIAL, OR WHEN USED AS A PART OF ANY OTHER PROCESS.