

SAFETY DATA SHEET

Reliable Degreaser

A-3008

Prepared to U.S. OSHA, ANSI, & Canadian WHMIS Standards

SECTION 1. PRODUCT IDENTIFICATION

1.1 TRADE NAME (AS LABELED):

Reliable Degreaser

SYNONYMS:

N/A

CAS#:

Mixture

1.2 PRODUCT USE:

Dissolves grease and dirt

CHEMICAL SHIPPING NAME/CLASS:

Combustible Liquids, N.O.S

U.N. NUMBER:

UN1993

1.3 NORTH AMERICA:

MANUFACTURER'S NAME:

Reliable Products

ADDRESS:

639 Fitch Street, Oneida, NY 13421

BUSINESS PHONE:

800-932-8742

EMAIL:

spraynwipe@aol.com

WEB SITE INFORMATION:

reliableproductsonline.com

1.4 EMERGENCY PHONE NUMBERS:

1-800-424-9300 (CHEMTREC – 24 Hrs)

DATE OF CURRENT REVISION:

June 12, 2015

DATE OF LAST REVISION:

December 27, 2004

SECTION 2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: This product is a blue liquid with a mineral spirits odor.

Health Hazards: May effect behavior, cause headaches or vomiting. May cause drowsiness or dizziness. Aspiration hazard, may cause pulmonary injury.

Flammability Hazards: This product is a combustible liquid with a flash point of 120°F (48.89°C)

Reactivity Hazards: None known

Environmental Hazards: The Environmental effects of this product have not been investigated, however release may cause adverse environmental effects.

2.1 GHS LABELING AND HAZARD CLASSIFICATION:

This product does meet the definition of a hazardous substance or preparation as defined by Health Canada and the OSHA (as described in 29 CFR 1910.1200(d))

Component(s) Contributing to Classification(s)

Mineral Spirits

2.2 LABEL ELEMENTS

GHS Hazard Symbol(s)



US DOT SYMBOL(S)



Signal Word: **Danger!**

GHS Hazard Classification(s):

Germ Cell Mutagenicity Category 1B

Carcinogenicity Category 1A

Aspiration Hazard Category 1

Specific target organ toxicity - single exposure Category 1, Central nervous system

Hazard Statement(s):

H372 Causes damage to organs through prolonged or repeated exposure.

H340 May cause genetic defects.

H350 May cause cancer.

H304 May be fatal if swallowed and enters airways.

Response Statement(s):

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P308+P313 If exposed or concerned: Get medical advice / attention.

P331 Do NOT induce vomiting.

P314 Get medical advice/attention if you feel unwell.

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Precautionary Statement(s):

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P280 Use protective gloves/protective clothing/eye protection/face protection

Storage Statement(s):

P405 Store locked up.

Disposal Statement(s):

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

ACUTE:

INHALATION: May be harmful if inhaled. May effect behavior, cause headaches or vomiting. May cause drowsiness or dizziness.

CONTACT WITH SKIN: May cause skin irritation.

EYE CONTACT: Contact with eyes may cause serious irritation and redness.

INGESTION: Harmful if swallowed. Causes gastrointestinal tract irritation with nausea, vomiting, diarrhea.

CHRONIC: Prolonged or repeated exposure may cause damage to organs.

TARGET ORGANS: **Acute:** Skin, Eyes, Central Nervous System

Chronic: None Known

SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS

COMPOSITION	WT. PERCENTAGE	CAS#	HAZARD CLASSIFICATION
Mineral spirits	< 70%	8052-41-3	H372 STOT RE 1 (Central Nervous System), H304 Aspiration Tox 1, H340 Germ Cell Mutagenic Category1, H350 Carcinogenicity Category 1
Balance of other ingredients are non-hazardous or less than 1% in concentration (< 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).			

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format.

4. FIRST-AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES:

EYE CONTACT: If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly with soap and water after handling. Seek medical attention if irritation develops and persists.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

INGESTION: If this product is swallowed, call physician or poison control center for treatment advice. Do not induce vomiting unless told to do so by a poison control center or physician. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If transporting take a copy of the label and/or SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Pre-existing skin problems may be aggravated by prolonged contact.

4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Contact with skin and eyes may cause irritation. Prolonged skin exposure may cause mild irritation or dryness. If inhaled, may cause drowsiness or dizziness.

4.3 RECOMMENDATIONS TO PHYSICIANS:

Treat symptoms and eliminate overexposure.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray: Yes

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: Yes

FLASH POINT: 120°F (48.89°C)

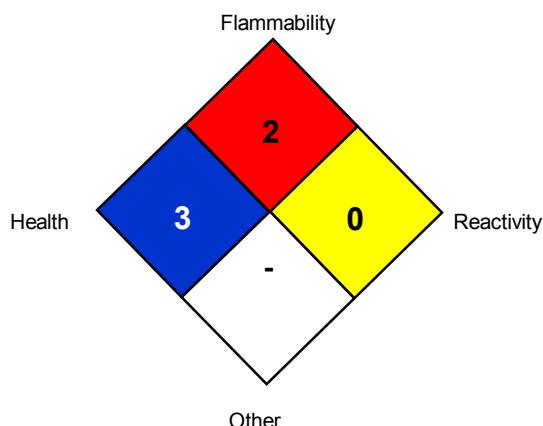
AUTOIGNITION TEMPERATURE: Not determined

FLAMMABLE LIMITS (in air by volume, %): Lower NA Upper NA

5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)			3
FLAMMABILITY HAZARD (RED)			2
PHYSICAL HAZARD (YELLOW)			0
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8
For Routine Industrial Use and Handling Applications			

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

See Section 8.2 for Exposure Controls

6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

6.3 SPILL AND LEAK RESPONSE:

Stop the flow of material, if this can be done safely. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces. (see Section 13, Disposal Considerations).

SECTION 7. HANDLING and STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Use good hygiene practices. When handling, do not eat, drink, or smoke. Handle in a well-ventilated work area.

7.2 STORAGE AND HANDLING PRACTICES:

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Store in original container. Keep away from: oxidizing agents, heat, or flames. Keep in cool, dry, well-ventilated area in closed containers. Protect containers from physical damage.

7.3 SPECIFIC USES:

Odor suppressant and air deodorizer

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 EXPOSURE PARAMETERS:

Chemical Name	CAS#	ACGIH TLV	OSHA PEL
Mineral Spirits	8052-41-3	TWA: 300 ppm	300 ppm

8.2 EXPOSURE CONTROLS:

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada.

RESPIRATORY PROTECTION: Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Safety glasses or goggles are required. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Standards of Canada.

HAND PROTECTION: Chemical resistant gloves are required to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Not normally required when using this product. If necessary, refer to appropriate Standards of Canada, or appropriate U.S. OSHA Standards described in 29 CFR 1910.136.

SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (Physical State) and COLOR: Blue liquid

ODOR: Mineral spirits odor

ODOR THRESHOLD: Not Available

pH: Not Available

MELTING/FREEZING POINT: Not Available

BOILING POINT: 330-390°F

FLASH POINT: >120°F

EVAPORATION RATE (n-BuAc=1): .10

FLAMMABILITY (SOLID, GAS): Not Applicable

UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS: Not Available

VAPOR PRESSURE (mm Hg @ 20°C (68°F): Not Available

VAPOR DENSITY: 4.8

RELATIVE DENSITY: Not Available

SPECIFIC GRAVITY: 0.9592

SOLUBILITY IN WATER: Emulsifies

WEIGHT PER GALLON: Not Available

PARTITION COEFFICENT (n-octanol/water): Not Available

AUTO-IGNITION TEMPERATURE: Not Applicable

DECOMPOSITION TEMPERATURE: Not Available

VISCOSITY: Not available

9.2 OTHER INFORMATION:

No additional information available

SECTION 10. STABILITY and REACTIVITY

10.1 REACTIVITY:

None known

10.2 STABILITY:

Stable under conditions of normal storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Vapours may form explosive mixture with air.

10.4 CONDITIONS TO AVOID:

Heat, flames, sparks

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

Strong oxidizing agents, chlorine, concentrated oxygen, sodium hypochlorites

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Oxides of carbon and nitrogen

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

TOXICITY DATA:

Mineral Spirits	8052-41-3	LC50 Inhalation	3400 ppm (4h)	Rat
		LD50 Intravenous	40 mg/kg	Mouse

SUSPECTED CANCER AGENT: Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

IRRITANCY OF PRODUCT: This product may be irritating to skin, eyes or central nervous system.

SENSITIZATION TO THE PRODUCT: This product is not a skin and respiratory sensitizer.

REPRODUCTIVE TOXICITY INFORMATION: No data available

SECTION 12. ECOLOGICAL INFORMATION

12.1 TOXICITY:

No specific data available on this product.

12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available on this product.

12.4 MOBILITY IN SOIL:

No specific data available on this product.

12.5 OTHER ADVERSE EFFECTS:

This product is not expected to be harmful to plants, animals or aquatic life.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, and those of Canada

SECTION 14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

14.1 UN IDENTIFICATION NUMBER:

UN1993

14.2 PROPER SHIPPING NAME:

Combustible Liquids, N.O.S (Contains Isopropyl

Alcohol)

14.3 HAZARD CLASS NUMBER and DESCRIPTION: Class 3 - Flammable**14.4 PACKING GROUP:** II

DOT LABEL(S) REQUIRED: Flammable

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: 128

14.5 ENVIRONMENTAL HAZARDS: (RQ QUANTITY): None**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).**14.6 SPECIAL PRECAUTION FOR USER:** NoneINTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is considered as dangerous goods.INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is considered as dangerous goods.**SECTION 15. REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:****UNITED STATES REGULATIONS:****U.S. SARA REPORTING REQUIREMENTS:** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows: None**U.S. SARA 311/312:** Acute Health: Yes; Chronic Health: Yes; Fire: Yes; Reactivity: No**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.**OTHER U.S. FEDERAL REGULATIONS:** None known**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does not contain ingredients on the Proposition 65 Lists.**15.2 CANADIAN REGULATIONS:****CANADIAN DSL/NDL INVENTORY STATUS:** Components are DSL Listed, NDSL Listed and/or are exempt from listing**OTHER CANADIAN REGULATIONS:** Not applicable.**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is classified per WHMIS 2015 Controlled Product Regulations.**SECTION 16. OTHER INFORMATION****ABBREVIATIONS AND ACRONYMS:**

EPA: United States Environmental Protection Agency

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PREPARED BY: Chris Eigbrett – (MSDS to GHS Compliance)**DATE OF PRINTING:** June 12, 2015

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Reliable Products assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Reliable Products assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

END OF SDS SHEET