

# Material Safety Data Sheet

MDS Date: 12/27/2004

Reliable Products 639 Fitch Street Oneida, New York 13421 (315) 363-9202

## I. Product Identification

Product Name: Reliable Degreaser

CAS No: 64742-88-7

MDS No: A-3008

## II. Hazardous Ingredients / Identify Info

Hazardous Component (Specific ID):	CAS No.	OSHA PEL	ACGIH TLV	Other limits	PCT
Mineral Spirits/Stodderd Solvent	8052-41-3	500ppm	100ppm		<70
Petroleum Naphtha					

## III. Physical Data

Boiling Point:	330-390 F
Vapor Pressure:	16 @ 100 F mmHg
Vapor Density:	4.8
Solubility in Water:	Emulsifies

Specific Gravity (Water = 1):	.9592
Volatility (Volume %):	N/A
Evaporation Rate (Water = 1):	.10 (BuAc=1)
Appearance + Odor:	Blue liquid-mineral spirits odor

## IV. Fire and Explosion Data

Flash Point (Method Used):	o.c. 120 F
Extinguishing Media:	Use water, foam, dry chemical, or CO2

Flammable Limits:	LEL:	UEL:
	1	6

Unusual fire and Explosion Hazards: Cool fire exposed containers to prevent build up.

Special Fire Fighting Procedures: Combustible-Use full bunker gear, positive press

## V. Reactivity Data

Stability	
<input checked="" type="checkbox"/> Stable	<input type="checkbox"/> Unstable
Hazardous Polymerization	
<input type="checkbox"/> May	<input checked="" type="checkbox"/> Not Occur

Conditions to Avoid:	
Materials to Avoid:	Strong oxidizing agents, chlorine, concentrated oxygen, sodium hypochlorites
Hazardous Decomposition or By Products:	Oxides of carbon and nitrogen
Conditions to Avoid:	Heat, flames, sparks

## VI. Health Hazard Data

Routes of Entry:  Inhalation  Skin  Ingestion  Eyes

### Health Hazards (Acute and Chronic):

Acute: liquid is minimally irritating to the eyes. High vapor concentration may cause irritation. Liquid is slightly irritating to the skin and nose, throat, and respiratory tract. High vapor may cause CNS depression. Ingestion may result in vomiting-aspiration into lungs must be avoided.

Carcinogenicity:  NTP  IARC  OSHA Regulated

Signs and Symptoms of Exposure:	Irritation as noted above, early to moderate CNS depression may be evidence by giddiness.
Medical Conditions Aggravated by Exposure:	Pre-existing eye, skin, and respiratory disorders may be aggravated.
Emergency and First Aid Procedures:	Eye contact-flush with water for 15 minutes. Get medical attention if discomfort persists. Skin-flush with water. Inhalation-do not induce vomiting. Provide oxygen if breathing is difficult. Ingestion-do not induce vomiting-get medical attention.

## VII. Precautions for Safe Handling and Use

### Procedures in case of Spill or Release:

For large spill-eliminate any source of ignition. Material is combustible. Dike and contain. Transfer to storage vessels. Soak up residue with absorbant such as sand, ect. Place in containers.

Waste Disposal Method(s):	Refer to federal, state, and local agencies for proper disposal. Keep out of water courses	Handling and Storing Precautions:	Keep liquid and vapor from heat, sparks, and flame. Use with adequate ventilation. Keep container closed
Other Precautions:	Avoid excessive skin contact, and prolonged or repeated breathing of vapors.		

## VIII. Control Measures

Respiratory Protection (specify type):	Usually satisfactory	Protective Gloves:	chemical resistant
Eye Protection:	safety glasses or goggles	Other Protective Clothing or Equipment:	Long sleeved shirts to minimize skin contact.
Ventilation	Local Exhaust: usually satisfactory Mechanical: explosion proof Special: Other: N/A	Work, Hygiene, and Maintenance Practices:	Keep away from flames and heat. Keep containers sealed. Wash with soap and water before eating, drinking, smoking, ect.