

Material Safety Data Sheet

Revision Date 10-May-2013

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code P92095
Product name Rid Rust II
Recommended Use Lubricant

Supplier Lawson Products, Inc.
 8770 W.Bryn Mawr Ave.- Suite 900
 Chicago, IL 60631
 1-866-529-7664

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
Flammable. Irritant. Harmful if swallowed.

Aggravated Medical Conditions
None Known.

Principal Routes of Exposure
Eyes. Inhalation. Skin contact.

Potential health effects

Eyes May cause the following effects: Irritation. Redness. Itching. Burning sensation.

Skin Repeated or prolonged exposure may cause: Skin Irritation. Redness. Itching. Burning sensation.

Inhalation Repeated or prolonged exposure may cause the following effects: Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexposure may cause. Possible unconsciousness. Death. Misuse by deliberately concentrating vapors and inhaling contents can be harmful or fatal.

Ingestion May be harmful if swallowed. Extreme overexposure may cause. Liver abnormalities. Urinary system effects.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	30-60
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	15-40

Petroleum distillates, solvent-refined heavy naphthenic	64741-96-4	7-13
Butane	106-97-8	3-7
Propane	74-98-6	3-7

4. FIRST AID MEASURES

Eye contact Flush with plenty of water for at least 15 minutes. Seek medical attention.

Skin contact Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use.

Ingestion Do Not induce vomiting. Immediate medical attention is required.

Inhalation Remove from exposure. Restore breathing. Keep warm and quiet. Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C < -17
Flash point °F < 0
Method No information available

Autoignition temperature °C No data available
Autoignition temperature °F No data available

Flammability Limits (% in Air)
Upper 9.5
Lower 1.0

Suitable extinguishing media
Carbon dioxide (CO₂). Dry chemical powder. Foam.

Special protective equipment for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire and Explosion Hazards
In the event of fire and/or explosion do not breathe fumes. Keep product and empty container away from heat and sources of ignition. Containers may vent or burst under extreme or prolonged fire conditions. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Sensitivity to shock
No information available.

Sensitivity to static discharge
No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

Storage

Store in temperatures below 120 degrees F (50 degrees C) . Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Propane	1000 ppm 1800 mg/m ³	-	1000 ppm	-
Butane	800 ppm	-	-	1000 ppm
Petroleum distillates, solvent-refined heavy naphthenic	-	-	-	-
Solvent naphtha (petroleum), medium aliphatic	100 ppm	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	-	-	-	-

Ventilation and Environmental Controls

Use enough ventilation, local exhaust at the work area, general, or both, to keep below the TLV's in the worker's breathing zone and the general area. General: as necessary.

Hygiene measures

Wash hands before breaks and immediately after handling the product.

Other precautions

Avoid contact with the skin and the eyes. Avoid breathing vapors or mists.

Respiratory protection

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hand Protection

Gloves are not required in normal use. For prolonged or repeated skin contact, use a chemically resistant glove such as nitrile or neoprene. Wash hands with soap and water after removing gloves. Dry hands thoroughly before re-applying gloves. .

Eye protection

Avoid contact with eyes. Wear safety glasses with side shields.

Skin and body protection

None necessary under normal conditions

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Aerosol
Color	Colorless
Odor	None
Odor Threshold	No information available
pH	No data available
Specific Gravity	0.80
Vapor pressure	No data available
Vapor density	>1 (air=1)
Evaporation Rate	>1 (ether = 1)
Water solubility	No data available
VOC Content	49.70%
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	< -18 - 201
Boiling point/range °F	< 0 - 395
Melting point/range °C	No data available
Melting point/range °F	No data available
Flash point °C	< -17
Flash point °F	< 0

10. STABILITY AND REACTIVITY

Stability

Stable.

Conditions to avoid

None known.

Incompatibility

None.

Hazardous Decomposition Products

Carbon dioxide. Carbon monoxide.

Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Propane 74-98-6	-	-	658 mg/L
Butane 106-97-8	-	-	658 g/m ³
Petroleum distillates, solvent-refined heavy naphthenic 64741-96-4	-	-	-
Solvent naphtha (petroleum), medium aliphatic 64742-88-7	5000 mg/kg	3000 mg/kg	5.28 mg/L
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	28710 mg/kg	-	-

Synergistic Products None known**Potential health effects**

Sensitization	None known
Chronic toxicity	See Section 2 . Repeated and prolonged exposure to solvents may cause brain and nervous system damage.
Mutagenic effects	None known
Teratogenic effects	None known
Reproductive toxicity	None known
Target Organ Effects	Long term exposure to vapor may cause liver damage. Long term exposure to vapor may cause kidney damage. Urinary system.
Carcinogenic effects	See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Propane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Butane	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Petroleum distillates, solvent-refined heavy naphthenic	Not Listed				
Solvent naphtha (petroleum), medium aliphatic	Not Listed				
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed				

12. ECOLOGICAL INFORMATION

Solvent naphtha (petroleum), medium aliphatic

Water Flea Data*Daphnia magna* hEC50 48 (>100 mg/L)

Petroleum distillates, hydrotreated heavy naphthenic

Water Flea Data*Daphnia magna* EC50>1000 mg/L (48 h)

Petroleum distillates, solvent-refined heavy naphthenic

Water Flea Data*Daphnia magna* EC50>1000 mg/L (48 h)**13. DISPOSAL CONSIDERATIONS****Disposal Information**

As supplied, this product is a RCRA Hazardous Waste . Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal.

Waste from residues / unused products

Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

UN1950 Aerosols, flammable, 2.1.

Exception: (Compressed Gas not more than 1.0L) Consumer Commodity ORM-D**TDG**

UN1950 AEROSOLS, flammable, 2.1 Consumer commodity <1L

15. REGULATORY INFORMATION**State Regulations**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Propane	Listed	Listed	Not Listed
Butane	Listed	Listed	Not Listed

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Petroleum distillates, solvent-refined heavy naphthenic	Not Listed	Not Listed	Not Listed
Solvent naphtha (petroleum), medium aliphatic	Not Listed	Not Listed	Not Listed
Petroleum distillates, hydrotreated heavy naphthenic	Not Listed	Not Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Propane	X	X	-	X
Butane	X	X	-	X
Petroleum distillates, solvent-refined heavy naphthenic	X	X	-	X
Solvent naphtha (petroleum), medium aliphatic	X	X	-	X
Petroleum distillates, hydrotreated heavy naphthenic	X	X	-	X

CPR

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

16. OTHER INFORMATION

HMIS

Health - 2
Flammability - 4
Physical Hazard - 0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.