



RIG-CHEM

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SAFETY DATA SHEET

NOTICE: Judgment may be based on indirect test and technical literature. The OSHA Hazard Communication Standard only requires SDS's and special labeling for materials defined as "HAZARDOUS"; see 29 CFR 1910.1200 (c). This document may be about a product which is NOT hazardous but is provided as information for our customers. See references for information.

SECTION 1. IDENTIFICATION

Product Identifier: RC Pigout-404	Product Identification # (PIF): 02269
Product Use: Additive for Pipe Dope Remover	Emergency Telephone #: 1-800-424-9300
Manufactured for/Distributed by: Rig-Chem LLC	General Information #: 985-873-7208
132 Thompson Road	Prepared by: Sonya Lockhart
Houma, LA 70363	Date Prepared: February 27, 2015

SECTION 2. HAZARD(S) IDENTIFICATION

HMIS Ratings: Health 1, Fire 2, Reactivity 0 (scale 0 – 4)



Signal Word: WARNING

Hazard Class	Category	Code	Hazard Statement
Eye Irritation	2B	H320	Causes eye irritation
Flammable Liquid	4	H227	Combustible liquid
Aspiration Hazard	2	H305	May be harmful if swallowed and enters airways

- May cause mild skin irritation. Repeated exposure may cause drying and flaking of the skin (dermatitis).
- Inhaling sprays of material may cause irritation to the respiratory system.
- Swallowing this material may be harmful – aspiration hazard. Can enter lungs and cause damage. May cause irritation to entire gastrointestinal tract, nausea, vomiting and diarrhea.
- Product VOC: 62%

Precautionary	Code	Statement
General	P101 P102 P103	If medical advice is needed, have product label at hand. Keep out of reach of children. Read label before use.
Prevention	P210 P264 P280	Keep away from heat/sparks/open flames/hot surfaces – No smoking. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Response	P305+P351+P338 P337+P313 P301+P310 P331 P370+P378	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical attention/advice. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use dry chemical, foam, carbon dioxide fire extinguishers, water spray for extinction.
Storage	P403+P235 P405	Store in a well ventilated place. Keep Cool. Store locked up.
Disposal	P501	Dispose of contents/container in compliance with all Federal, State/Provincial and local laws and regulations.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Common Name	CAS #	Max. %
Distillates (petroleum), hydrotreated light	Paraffinic naphthenic solvent	64742-47-8	59 - 63
Methoxypropoxypropanol	Dipropylene glycol monomethyl ether	34590-94-8	0 - 4

SECTION 4. FIRST AID MEASURES

- **Eyes:** Flush well with water for at least 15 minutes, holding eyelids open. Remove any contact lenses. If symptoms persist, seek medical attention.
- **Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse. If irritation develops and persists, seek medical attention.
- **Inhalation:** If symptoms develop, move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, have a trained person administer artificial respiration and call a physician.
- **Ingestion:** DO NOT INDUCE VOMITING – aspiration hazard. Call a physician immediately. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

SECTION 5. FIRE-FIGHTING MEASURES

Flammability: Class IIIA Combustible Liquid

Flash Point: 145°F (63°C)

- **Extinguishing Media:** Dry chemical, foam, carbon dioxide fire extinguishers, water spray. Do not spray water directly on fire. Use water spray to cool containers.

- Specific hazards arising from chemical: Vapors are heavier than air and may travel along the ground to an ignition source. Readily ignited by static discharge. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively.
- Hazardous combustion products: Oxides of carbon.
- Firefighting protective equipment: Wear a self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.
- Sensitivity to static discharge: This product is combustible.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Eliminate all ignition sources. Ventilate area.

- For Small Spills: Spilled material may be slippery. Avoid dispersal of material and runoff into soil, waterways, drains and sewers. Vapor-suppressing foam may be used to reduce vapors. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste with non-sparking tools. Wash walking surfaces with water to reduce slipping hazard. Dispose of contaminated absorbent material in accordance with local, state and federal regulations.
- For Large Spills: Large spills cannot occur due to packaging.

SECTION 7. HANDLING AND STORAGE

- Handling: Wear personal protection equipment. Use with adequate ventilation. Do not handle around sources of ignition. Follow US NFPA 30 on safe handling of flammable and combustible liquids. Use proper bonding and grounding during product transfer as described in document NFPA 77. Vapors are heavier than air and may travel along the ground to an ignition source. Never use welding or cutting torch on or near drum (even empty) because product can ignite explosively. Do not pre-mix with other chemicals. Do not eat, drink or smoke in work areas.
- Storage: Keep away from heat, flame, or sunlight. Keep from freezing. Keep container closed when not in use. Store locked up. Protect from physical damage. Store in a cool, dry ventilated area. Store away from strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS #	OSHA/PEL	ACGIH/TLV	STEL
Distillates (petroleum), hydrotreated light	64742-47-8	500ppm	200ppm	Not established
Methoxypropoxypropanol	34590-94-8	100ppm	100ppm	150ppm

Engineering Controls: Provide adequate ventilation. Observe occupational exposure limits and keep the risk of exposure to a minimum.

Personal protective equipment:

- Eye: Safety glasses with side shields or splash proof goggles.
- Skin: Chemical resistant gloves.
- Respirator: Use NIOSH approved protection if PEL is exceeded, if ventilation is inadequate, or if vapors/sprays are causing irritation.
- Clothing: Normal materials handling clothing.
- Other: Use only in a well ventilated area. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light amber, clear liquid	Upper/Lower flammability limits	Not determined
Odor	Hydrocarbon-like	Vapor pressure	>0.1mmHg @ 20C
Odor threshold	Not determined	Vapor density (Air = 1)	>1
pH	Not applicable	Specific gravity (water = 1.0)	0.860 g/ml
Melting point	Not determined	Solubility	Negligible
Freezing point	Not determined	Partition coefficient (n-octanol/water)	Not determined
Boiling point	Not determined	Auto-ignition temperature	Not determined
Flash point	145°F (63°C)	Decomposition temperature	Not determined
Evaporation rate (n-butyl acetate=1)	<1	Viscosity (#5 @ 60 rpm Brookfield)	Not determined
Flammability	Class IIIA Combustible	%Volatile/Volume	62

SECTION 10. STABILITY AND REACTIVITY

- Reactivity: Not reactive under normal conditions.
- Chemical stability: Stable under normal, ambient temperature and conditions.
- Possibility of hazardous reactions: Hazardous polymerization will not occur.
- Conditions to avoid: Heat, flame and sparks. Keep from freezing. Do not mix with other chemicals
- Substances to avoid: Avoid strong oxidizing agents.
- Hazardous combustion products: Oxides of carbon.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute and Chronic Toxicity (short and long term):

- Eye Contact: Causes eye irritation.
- Skin Contact: May cause mild skin irritation. Repeated exposure may cause drying and flaking of the skin (dermatitis).
- Inhalation: Inhaling sprays of material may cause irritation to the respiratory system.
- Ingestion: Swallowing this material may be harmful – aspiration hazard. Can enter lungs and cause damage. May cause irritation to entire gastrointestinal tract, nausea, vomiting and diarrhea.
- Oral (LD50 Rat): >5000mg/kg
- Dermal (LD50 Rabbit): >2000mg/kg
- Inhalation (LC50 Rat): >18mg/kg vapors
- NTP/IARC/OSHA Carcinogen: No

SECTION 12. ECOLOGICAL INFORMATION

Aquatic Effects:

- 96h LC-50 (fish): No data available
- 48h EC-50 (invertebrates): No data available
- 72h EC-50 (algae): No data available
- Persistence and degradability: No data available.
- Bioaccumulation: No data available.
- Mobility: This product floats on water. This product is volatile and may spread in the atmosphere. Soil mobility not determined.

SECTION 13. DISPOSAL CONSIDERATIONS

- Disposal of Wastes: Do not dump into sewers, on the ground or into any waterways. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations.
- Contaminated Packaging: Since emptied containers retain product residue, follow label warnings even after container is emptied. Do not cut, drill, grind or weld on or near the container.
- RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

SECTION 14. TRANSPORT INFORMATION

United States DOT:

Container of 119 gallons or less:

- Combustible Liquid (49 CFR 173.120 (b)): This material is not regulated under 49 CFR if in a container of 119 gallon capacity or less for ground transportation. Exception CFR 173.150(f)(2): Combustible liquids.

Container of 120 gallons or more:

- UN/ID No.: NA1993
- Proper Shipping Name: Combustible liquid, n.o.s., (Distillates (petroleum), hydrotreated light)
- Hazard Class: Comb liq
- Packing Group: III

IMDG or IATA:

- Not regulated per 49CFR 171.11(d)(3): Combustible – Flash point 145°F (63°C)
- Marine Pollutant (IMDG Code): No
- Transportation in bulk (IMDG - Annex II of MARPOL 73/78 and IBC Code): Not offered for bulk export.

SECTION 15. REGULATORY INFORMATION

TSCA: All components of this product are on the TSCA inventory or are exempt from TSCA inventory requirements under 40 CFR 720.30.

SARA Section 302: The components of this product are either not regulated or regulated, but present in negligible concentrations.

SARA TITLE III Section 311/312:

- Immediate (Acute) Health = Yes
- Delayed (Chronic) Health = No
- Fire Hazard = Yes
- Reactive Hazard = No

SARA Title 313: This material does not contain any chemical components with known CAS numbers that exceed the De Minimis reporting levels (40 CFR 372).

CERCLA: This product does not have a reportable quantity.

United States Right-To-Know: Distillates (petroleum), hydrotreated light CAS# 64742-47-8 - New Jersey & Pennsylvania.

Dipropylene glycol methyl ether CAS# 34590-94-8 - New Jersey & Pennsylvania.

Proposition 65: This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

RCRA: A waste containing this product may have the RCRA hazardous waste no. D001 (Ignitable) (40 CFR 261.22).

SECTION 16. OTHER INFORMATION

- Date prepared: February 27, 2015
- Carefully read all instructions on label before handling this product.
- Keep out of reach of children.
- "FOR INDUSTRIAL USE ONLY"

The information contained herein is based on data available to us and is believed to be correct. We make no warranty, however, expressed or implied regarding the accuracy of these data or the results obtained from the use thereof.

Regulatory Standards: DOT TITLE 49, Code of Federal Regulations 172.101: Parts 100 to 177, Revised 10/1/92.

SUPER FUND AMENDMENTS REAUTHORIZATION ACT OF 1986, TITLE III TOXIC SUBSTANCE CONTROL ACT LIST (TSCA)- INGREDIENTS LISTED. REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES NATIONAL TOXICOLOGICAL PROGRAM (NTP) REPORT OF CARCINOGENS INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) MONOGRAPHS, OCCUPATIONAL SAFETY & HEALTH REGULATIONS. CODE OF FED. REGS. FOOD & DRUG, 21 PARTS 170 to 199, Revised 4/1/91, 173.310.