



This SDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Niagara Lubricant Co., Inc. considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals. For chemical emergencies, spills, leaks, fire or exposure call CHEMTREC (800) 424-9300, in Canada CANUTEC 613-996-6666.

All non-emergency questions should be directed to customer service Phone: (716) 874-2300 Fax: (716) 874-8082 for assistance. Niagara Lubricant Co., Inc. PO Box 369 Buffalo NY 14207

R&O A/W 32 Hydraulic Oil

1. Identification of the substance/preparation and of the company/undertaking

Trade Name: R&O A/W 32 Hydraulic Oil

Product Code: 0422

Relevant identified uses of the substance or mixture and uses advised against:
Hydraulic Oil

Details of the supplier of the safety data sheet:

This Safety Data Sheet has been updated in accordance with the Global Harmonized System (GHS)

Manufacturer/Supplier:

Niagara Lubricant Co., Inc.

PO Box 369

Buffalo, NY 14207

Tel: (716) 874-2300

Fax: (716) 874-8092

Information Department:

SDS Coordinator (716) 874-2300

Emergency telephone number:

See preface at top of page for CHEMTREC

2. Hazards Identification

Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008



GHS06 Skull and crossbones

Acute Tox. 1 H300 Fatal if swallowed



GHS07

Eye Irrit. 2 H320 Causes eye irritation

Skin Sens. 2 H315 Causes skin irritation

STOT SE 3 H335+H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Label elements:

Labeling according to Regulation (EC) No 1272/2008

The product is classified and labeled according to the CLP regulation.

Hazard Pictograms:



GHS06 GHS07

Signal word: Caution

Hazard Determining components of labeling: Petroleum Distillates

Hazard Statements

H300 Fatal if swallowed

H320 Causes eye irritation

H315 Causes skin irritation

H335/H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

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

P305/P351/P338 IF IN EYES: Rinse continually with water for several minutes. Remove contact lenses if easy to do so. Continue rinsing.

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

Classification system:

NFPA ratings

Health: 1

Fire: 1

Reactivity: 0

HMIS ratings

Health: 1

Fire: 1

Reactivity: 0

Other Hazards:

Results of PBT and vPvB assessment

PBT: Data not available

vPvB: Data not available

3. Composition/Information on ingredients

Chemical characterization: Mixture

Description: Proprietary oil blend

| CAS No. | Description | % Range |
|-------------------|-----------------------|----------|
| CAS: 64742-54-7 | Petroleum Distillates | 0 – 100% |
| EINECS: 265-157-1 | | |

SVHC

This product does not contain any Substance of Very High Concern (SVHC) on the European Chemicals Agency (ECHA) candidate list.

4. First Aid Measures

General Advice: In the case of accident or if you feel ill, seek medical attention.

Inhalation: Avoid breathing vapors or mists. Move to fresh air. Seek medical attention.

Skin contact: Wash immediately with soap and water. If skin irritation persists, seek medical attention.

Eye contact: Rinse thoroughly with water for at least 15 minutes and seek medical attention.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

Information for doctor: Indication of any immediate medical attention and special treatment needed.

5. Fire Fighting Measures

Suitable extinguishing media: Use foam, CO₂, dry chemical or water fog.

Specific hazards: Not applicable

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Extinguishing media which must not be used for safety reasons: Not applicable

Specific methods: Not applicable

6. Accidental Release Measures

Personal precautions: Ensure adequate ventilation. Avoid contact with skin and eyes

Environmental precautions: Local authorities should be advised if significant spillages cannot be contained. Do not contaminate surface water. Prevent further leakage or spillage.

Methods and material for containment and cleaning up: Package all material in plastic, cardboard or metal containers for disposal in compliance with all federal, state and local regulations.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See section 13 for disposal information.

7. Handling and Storage

Handling:

Technical measures/precautions: Use only in area well ventilated area.

Safe handling advice: Avoid breathing vapors. Harmful or Fatal if Swallowed.

Storage: Store in a cool, well-ventilated area away from heat, oxidizers and all sources of ignition.

Incompatible products: Oxidizers

Specific end use(s): No further relevant information available.

8. Exposure Controls/Personal Protection

General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages, and feed. Remove all soiled and contaminated clothing.

Engineering measures to reduce exposure: Ensure adequate ventilation.

Respiratory protection: No personal respiratory protective equipment normally required.

Skin and body protection: Avoid contact with skin.

Eye protection: Avoid contact with eyes. If splashes are likely to occur, wear goggles

Hand protection: Preventive skin protection—neoprene gloves.

Control Parameters

PEL: N/A

REL: N/A

TLV: N/A

Additional Information:

PEL/REL = Permissible/Recommended Exposure Limit (OSHA—Occupational Safety and Health Administration)

TLV = Threshold Limit Value (ACGIH—American Conference of Government Industrial Hygienists)

9. Physical and Chemical Properties

General Information

Appearance: Amber liquid

Odor: Petroleum

Flash Point (method): COC > 399°F

pH @70° F: N/A

Decomposition temperature: Not determined

Auto Ignition: Product will not self-ignite

Explosion Danger: Product is not explosive, however, may form harmful air/vapor mixtures

Explosion Limits:

LEL: Not determined

UEL: Not determined

Water Solubility: insoluble

Vapor density: >1 (air = 1)

Evaporation rate: <1 (butyl acetate = 1)

Viscosity: 5.0-6.0 cSt (@ 100 C)

Specific gravity: 0.875

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Polymerization: None under normal processing.

Conditions to avoid: Heat, static electricity, sparks and other sources of ignition.

Materials to avoid: Strong acids and oxidizing agents.

Hazardous decomposition products: None reasonably foreseeable.

11. Toxicological Information

Caution: Contains petroleum distillate. Harmful or fatal if swallowed. If swallowed DO NOT induce vomiting. Seek medical attention. Avoid breathing vapors or mists. Skin and eye irritant.

12. Ecological Information

Toxicity

Aquatic toxicity: No information available

General Notes: Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system.

Results of PBT/vPvB assessment:

PBT (Persistent Bio-accumulative & Toxic): Not determined

vPvB (Very Persistent & Very Bio-accumulative): Not determined

13. Disposal Considerations

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

Contaminated packaging: Disposal must be made according to local and federal regulations.

Ewc waste disposal no: Not applicable

Further information: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

14. Transport Information

General Transportation Statement

DOT non regulated

IATA non regulated (country variations may apply)

IMDG. non regulated

Other information:

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements and mode-specific or quantity-specific shipping requirements

15. Regulatory Information

Safety, health, and environmental regulations/legislation specific for the substance or mixture

SARA (Superfund Amendments and Reauthorization Act)

Section 355 (extremely hazardous substances): None of the ingredients are listed.

Section 313 (specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): Niagara Lubricant Co., Inc. certifies that all components listed below for the subject finished product are on the TSCA Inventory of Chemical Substances and are not subject to any chemical specific regulation under TSCA section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

Carcinogens: None of the ingredients are listed

Reproductive toxicity: None of the ingredients are listed.

Carcinogenic Categories:

EPA (Environmental Protection Agency): None of the ingredients are listed

IARC (International Agency for Research on Cancer): None of the ingredients are listed

NTP (National Toxicology Program): None of the ingredients are listed

16. Other Information

Niagara Lubricant Co., Inc. **provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Niagara Lubricant Co., Inc. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, Niagara Lubricant Co., Inc. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.**

Prepared by: Health & Safety
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*Effective Date: 02/28/13 * * * * Supercedes: 12/13/11*