



Material Safety Data Sheet

NOCOLUBE HVI AW SERIES
(AW15, AW22, AW32, AW46, AW68, AW100)

Material Identification and Use

Manufacturer's Name	NOCO Energy Corp.
Manufacturer's Address	2440 Sheridan Dr., Tonawanda, NY 14150
Emergency Phone Number	1-800-424-9300 (Chemtrec)
Supplier's Address	P.O. Box 86, Tonawanda, NY 14151
Supplier Emergency Phone Number	1-800-500-6626
Product Name	NOCOLUBE HVI AW Series
Product Code	NOC1627 HVI AW15 NOC1628 HVI AW22 NOC1629 HVI AW32 NOC1630 HVI AW46 NOC1632 HVI AW68 NOC1633 HVI AW100
Chemical Name and Synonym	Petroleum Hydrocarbon plus Additives
Product Use	Provide excellent low temperature properties and maximized antiwear protection for high pressure van and piston pumps. Suitable for industrial and mobile hydraulic applications.

Ingredients

Components	Percentage	CAS Number	Hazard Data
Interchangeable Base Oil	0 - 96	64742-54-7	OSHA PEL/TWA 5mg/m3 (mist) ACGIH TLV/TWA 5mg/m3 (mist) ACGIH STEL/TWA 10mg/m3 (mist)
		64742-65-0	
		64742-62-7	
		72623-87-1	
		72623-86-0	
		64741-88-4	
Proprietary Additive	4 - 11	Proprietary	OSHA PEL/TWA 5mg/m3 (mist) ACGIH TLV/TWA 5mg/m3 (mist) ACGIH STEL/TWA 10mg/m3 (mist) SARA 311/312: Acute Health Effects SARA 313: 50-60% Zinc Compounds, 4-5% Zinc
WHMIS Classification			Not Controlled.

Physical Data

Physical State	Liquid
Odour and Appearance	Light Pale, Petroleum Odor
Specific Gravity	0.84 - .88
Vapor Pressure (MM HG @ 20° C)	< 0.1
Vapour Density	> 1.0
Evaporation Rate	Not Determined
Boiling Point	> 315°C (>599°F)
Freezing Point	N/A
pH	N/A
Solubility in H2O	Insoluble

Fire and Explosion Hazards

Conditions of Flammability	Addition of water or foam may cause frothing. Do not cut, drill or weld empty containers.
Extinguishing Media	Foam, Water Fog, Dry Chemical, Carbon Dioxide.
Flashpoint and Method of Determination	338°F (170°C) , COC
Flammable Limits in Air % B. V. Upper	Not Determined
Flammable Limits in Air % B. V. Lower	Not Determined
NFPA - Hazard Class	Health:1 Fire:1 Reactivity:0
Hazardous Combustion Products	Oxides of Carbon and Sulfur
Unusual Fire an Explosion Hazard	Container exposed to intense heat from fires should be cooled with water to prevent vapor pressure build up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.
Special Fire Fighting Procedures	Wear self contained breathing apparatus when fire fighting in a confined space. Cool fire exposed containers with water spray.

Reactivity Data

Chemical Stability	Stable
Incompatible Materials	Strong oxidizing agents: Peroxides, Chlorine, Strong Acids, etc.
Hazardous Decomposition	Oxides of sulfur and carbon.
Hazardous Polymerization	Material is not known to polymerize.

Health Hazard Information

Routes of Entry

Skin Contact	Prolonged or repeated contact with skin may cause mild irritation and possibly dermatitis.
Eye	Mildly irritating to eyes.
Inhalation	If heated, sprayed or misted, may cause chemical pneumontis.
Ingestion	Low toxicity on ingestion. Has laxative effect.
Carcinogenicity	Not listed as a carcinogenic.

Emergency and First Aid Procedures

Eyes	In case of contact, flush eyes with large amounts of water for at least 15 minutes. Get medical attention.
Skin	Wash skin thoroughly with soap and water or waterless hand cleaner. If irritation occurs, get medical attention.
Inhalation	If breathing is difficult, remove victim to fresh air, give artificial respiration if not breathing.
Ingestion	Do not ingest. If ingested, do not induce vomiting. Get medical attention.

Preventative Measures

Ventilation Requirements	Use explosion proof ventilation as required to control vapor concentration..
Respiratory Protection	Not required under normal OSHA PEL. Use NIOSH approved respirators to prevent over-exposure.
Eye Protection	Safety glasses with side shields or goggles.
Protective Gloves	Nitrile gloves provide best protection to hands and arms.
Personal Hygiene	Wear effective plant clothing. Contaminated clothing should be removed and washed in soap and water. Cleanse skin thoroughly before meals with soap and water. Shower and eyewash facilities should be accessible.
Note	N/A

Environmental Procedures

Spills or Releases	If material is spilled or released to the atmosphere, steps should be taken to prevent discharges to streams or sewer systems. Spills or releases should be reported, if required to the appropriate local, state and federal regulatory agencies.
Disposal	Clean up action should be carefully planned and executed. Shipment, storage and/or disposal of waste materials are regulated and action to handle or dispose of spilled or released materials must meet all state, local, and federal

Storage rules.
Protect against physical damage. Separate from oxidizing materials. Store in cool well ventilated area of non-combustible construction away from possible sources of ignition.

Regulatory Information

Dept. of Transportation	DOT Shipping Name: NONE Hazard Class: NONE ID Number: NONE
TSCA CERCLA	All Components are Listed on EPA/TSCA Inventory. This product is classified as an oil under section 311. Spills into or leading to surface water that cause sheen must be reported to the National Response Center at 1-800-424-8802.
RCRA	If this product becomes a waste it would not be a hazardous waste by RCRA - 40 CFR 261. Place in an appropriate disposal facility in compliance with local authorities.
SARA Title III - Section 302	Not Applicable
Section 311/312	Not Applicable
Section 313	Not Applicable

Preparation Date of Material Safety Data Sheet

Prepared By	NOCO - Tom Scoda
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Disclaimer

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