

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

Revision Date: 08/15/2019

Print Date: 08/15/2019

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: IVP 19
Part number: P106060, P106061, P106062, P106063

Product Use Description: Vacuum Pump Fluids

Company: Ideal Vacuum Products Inc.
5910 Midway Park Blvd. NE
Albuquerque, NM 87109
United States of America
Email: info@idealcvac.com
Telephone: (US) 505-872-0037
Emergency telephone number: 1-800-424-9300 (CHEMTREC)

Recommended use of the chemical and restrictions on use

Recommended use : Vacuum Pumps

Restrictions on use : None Known.

SECTION 2. HAZARDS IDENTIFICATION

Form	Liquid
Color	Light Yellow
Odor	Mild Odor

GHS Classification

OSHA Hazards : No OSHA Hazards

GHS Classification : Not a dangerous substance according to globally harmonized system of classification and labeling of chemicals (GHS).

GHS-Labeling : Not a dangerous substance according to globally harmonized system of classification and labeling of chemicals (GHS).

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

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Hazard statements : This product does not meet the criteria for classification according to 29 CFR 1910.1200.

Other hazards : None

Carcinogenicity:

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS NO HAZARDOUS INGREDIENTS ACCORDING TO GHS

Chemical Name	CAS-No.	Concentration (%)	Exposure Limit
Severe Hydrotreated Paraffinic	64742-65-0	100	5mg/m3 oil mist

Contains no hazardous ingredients according to GHS

SECTION 4. FIRST AID MEASURES

- If inhaled : Move to fresh air. If exposed or concerned obtain medical attention.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Wash off with soap and water.
If symptoms persist, call a physician.
- In case of eye contact : Rinse thoroughly with plenty of water, also under the eyelids.
If irritation occurs, get medical attention.
- If swallowed : Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a poison control center immediately.

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

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SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Halon, dry chemicals. Foam. Carbon Dioxide (CO₂). Water spray or fog. Do not use water jet or solid water stream as extinguisher as this may scatter or spread fire.

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

Specific hazards arising from : None
chemical

General fire hazards : No unusual fire or explosion hazards noted.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (ex. Cloth, fleece). Clean surface thoroughly to remove residual contamination.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with skin, eyes, and clothing. Do not breathe vapors or spray mist.

Conditions for safe storage : Keep in a dry, cool and well-ventilated place. Keep container tightly closed. Protect from contamination. "Keep away from heat, sparks and open flame. Store in a well-ventilated dry place."

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Engineering measures : Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Biological Limit Values : No biological limits noted for the ingredients.

Personal protective equipment

Respiratory protection : Under normal conditions, respirator is not normally required. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection : Chemical resistant gloves are recommended. If contact with Forearms is likely wear gauntlet style gloves.

Eye protection : Goggles/Face shield are recommended

General Hygiene : Always wash hands after handling the material before eating drinking, and/or smoking.

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Odor	: Mild odor
Odor Threshold	: Not available
Color	: Light yellow
pH	: Not applicable
Melting Point	: Not available
Specific Gravity	: .86 g/ml
Molecular Weight	: 511
Upper/Lower Flammability Limits	: Not available
Boiling Point/Boiling Point Range	: 740-990°F
Flash Point	: 455°F / 235°C.
Evaporation Rate	: Not available
Vapor Pressure @ 25°C	: 1X10-5 TORR

Solubility(ies)

Water solubility	: Not available
Auto-ignition temperature	: >600°F (>315°C)
Octanol/H2O COEFF	: No data available

Viscosity

Viscosity, kinematic @ 40°C	: 59 cst. ASTM D445
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SECTION 10. STABILITY AND REACTIVITY

Reactivity	: The material is stable and non-reactive under normal conditions of use, storage and transportation.
Chemical stability	: Stable
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid	: Heat, flames, and sparks. Avoid temperatures exceeding the flash point.
Incompatible materials	: None.
Hazardous decomposition products	: Upon decomposition, this material emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

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SECTION 11. TOXICOLOGICAL INFORMATION

- Ingestion : May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. It may increase risk of material aspiration.
- Inhalation : May be harmful if inhaled. However, this material does not currently meet the criteria for classification.
- Skin Contact : Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
- Eye Contact : May be irritating to eyes.
- Germ Cell Mutagenicity : Non-Mutagenic based on modified AMES assay.
- Carcinogenicity : This material is not considered to be a carcinogen by IRAC, ACGIH, NTP, or OSHA. Meets EU requirement of less than 3% (w/w) DMSO extract for total polycyclic aromatic compound (PAC) using IP 346.
- US. OSHA specifically regulated substances (29 CFR 1910.1001-1050)
- Reproductive Toxicity: : Contains no ingredient listed as toxic to reproduction.
- Specific Target Organ : Single Exposure- Not classified
Toxicity : Repeated Exposure- Not classified
- Aspiration Hazard : Not classified.
- Chronic Effects : Prolonged or repeated contact may cause drying, cracking, or irritation of the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity effects

- Ecotoxicity : Not expected to be harmful to aquatic organisms.

Elimination information (persistence and degradability)

- Bioaccumulation Potential : Bioaccumulation is unlikely to be significant because of the low water solubility.
- Mobility in soil : Not available
- Biodegradability : Not inherently biodegradable

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Instructions

When this material as supplied is to be discarded as waste, it does not meet the definition of a RCRA waste under 40 CFR 261. Disposal recommendations are based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.

- Hazardous waste code : Not applicable
- Waste from residues/unused : Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.
- Contaminated packaging : Empty containers should be taken to an approved waste

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

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Handling site for recycling or disposal. Since empty containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

SECTION 14. TRANSPORT INFORMATION

DOT : Not regulated as dangerous goods.
IATA : Not regulated as dangerous goods.
IMDG : Not regulated as dangerous goods.

SECTION 15. REGULATORY INFORMATION

US Federal Regulations : This product is not known to be a "hazardous chemical" as defined by the OSHA hazardous communications standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA inventory list.

CERCLA/SARA Hazardous Substances : Not applicable

TSCA Section 12(b) Export Notification (40 CFR 707, SUBPT. D) : Not regulated

CERCLA Hazardous Substances List (40 CFR 302.4) : Not listed

US OSHA Specifically regulated substances (29 CFR 1910.1001-1050) : Not listed

Superfund Amendments and reauthorization ACT of 1986 (SARA)

Hazard Categories
Immediate Hazard- No
Delayed Hazard- No
Fire Hazard- No
Pressure Hazard- No
Reactivity Hazard- No

SARA 302 Extremely Hazardous Substance : Not listed

SARA 311-312 Hazardous Chemical : No

SARA 313 (TRI Reporting) : Not regulated

Other Federal Regulations

Clean Air ACT (CAA) Section 112 : Hazardous Pollutants List- No

Clean Air ACT (CAA) Section 112 : Accidental Release Prevention (40 CFR 68.130)- Not regulated

Safe Drinking Water ACT (SDWA) : Not regulated

US State Regulations: This material does not contain a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm. California safe drinking water and toxic enforcement ACT of 1986(Proposition 65) : this material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

US Massachusetts RTK-Substance List : Not regulated

US New Jersey Worker & Community Right to Know ACT : Not regulated

SAFETY DATA SHEET



IVP 19 Hydrocarbon Oil

Version: 1.0

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US Pennsylvania RTK-Hazardous Substances

: Not regulated

US Rhode Island RTK

: Not regulated

US California Proposition 65

: Not listed

International Inventories

<u>Country(s) of Region</u>	<u>Inventory Name</u>	<u>On Inventory</u>
Australia	AICS	Yes
Canada	DSL	Yes
Canada	NDSL	No
China	IECSC	Yes
Europe	EINECS	Yes
Europe	ELINCS	No
Japan	ENCS	Yes
Korea	ECL	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	PICCS	Yes
Unites States & Puerto Rico	TSCA	Yes

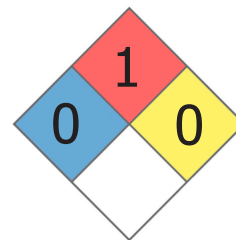
- A "Yes" indicated that all components of this product comply with the inventory requirements administered by the governing country(s).
- A "No" indicated that one or more of the components of the product are not listed or exempt from the listing on the inventory administered by the governing country(s).

Other information

NFPA CLASSIFICATION:

Full text of H-phrases:

NFPA health hazard	0 – Poses no health hazard, no precautions necessary and would offer no hazard beyond that of ordinary combustible material (e.g. wood).
NFPA fire hazard	1 – Materials that require considerable preheating, under all ambient temperature conditions, before ignition and combustion can occur. Includes some finely divided suspended solids that do not require heating before ignition can occur. Flash point at or above 93°C (200°F).
NFPA reactivity	0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text