

AC240 Air Compressor Oil

US Oil Co., Inc.

Analytical Laboratory
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PRODUCT NO.: 520

MATERIAL SAFETY DATA SHEET

PRODUCT TRADE NAME: AC-100
DeVilbiss AC240
Porter Cable PAS1

GENERIC/CHEMICAL NAMES:

PREPARATION/REVISION DATE: 03/14/95

REVISED FROM (DATE):

EMERGENCY PHONE #: (414) 735-8298

NFPA CODE:	Health: 2	Fire: 1	Reactivity: 0
HMIS CODE:	Health: 2	Fire: 1	Reactivity: 0

Section 1. Hazardous Ingredients
Section 2. Fire and Explosion Hazards
Section 3. Health Hazard Data
Section 3A. Emergency First Aid Procedure
Section 4. Special Protection Information
Section 5. Physical Data
Section 6. Stability
Section 7. Spill or Leak Procedures
Section 8. Special Precautions
Section 9. Transportation and Labeling
Section 10. Other Regulatory Information

SECTION 1-HAZARDOUS INGREDIENTS

This material is not know to contain greater that 0.1% of any carcinogen required to be listed under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Mineral Oil, Mist	5 mg/m ³	5 mg/m ³

[Back to Top](#)

SECTION 2-FIRE AND EXPLOSION HAZARDS

FLASH POINT:	425 degrees F.
UPPER FLAMMABLE LIMIT:	ND
EXTINGUISHING MEDIA:	CO ₂ , dry chemical, foam, water spray, fog.
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self contained breathing apparatus with full face piece. Cool exposed containers with water spray. Avoid breathing fumes.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Toxic fumes may be evolved on burning or exposure to heat. Pressure may increase in overheated closed containers. Store below 120 degrees F.

[Back to Top](#)

SECTION 3. HEALTH HAZARD DATA

ACUTE EXPOSURE

ORAL TOXICITY:	Low order of acute oral toxicity, may cause irritation of the gastrointestinal tract, nausea and vomiting. Aspiration into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.
EYE IRRITATION:	Eye irritant. Based on data from components or similar material.
SKIN IRRITATION:	Skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, defatting, and cracking of the skin.
DERMAL TOXICITY:	The LD50 in rabbits is >2000 mg/kg. Based on data from components or similar materials.
INHALATION TOXICITY:	High concentrations may cause headaches, dizziness, nausea, behavioral changes, weakness, drowsiness, and stupor. High concentrations may cause narcosis (sleepiness, drowsiness).
RESPIRATORY IRRITATION:	If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the

upper respiratory tract similar to that observed with mineral oil. Based on data from components of similar materials. Under good industrial hygiene practices where all exposure limits are observed, respiratory irritation should not be a problem. Exposure to hydrogen sulfide can cause temporary loss of the sense of smell and irritation of the eyes, nose, or throat.

DERMAL SENSITIZATION: No data available to indicate product or components may be a skin sensitizer.

INHALATION SENSITIZATION: No data available to indicate product or components may be a respiratory sensitizer.

CHRONIC EXPOSURE

CHRONIC TOXICITY: Overexposure to Isobutanol (less than 1% of this product) has been found to cause liver abnormalities in laboratory animals.

CARCINOGENICITY: No data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

MUTAGENICITY: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

REPRODUCTIVE TOXICITY: No data available to indicate product or components present at greater than 0.1% may cause reproductive toxicity.

TERATOGENICITY: Diphenylamine (less than 0.02% of this product) is reported teratogenic in rats when administered through food or gavage seven days before delivery.

OTHER: No other health hazards known.

EXPOSURE LIMITS: See Hazardous Ingredients Section for any applicable exposure limits for components.

[Back to Top](#)

SECTION 3A - EMERGENCY FIRST AID PROCEDURES

SKIN: Wash with soap and water. Get medical attention if irritation develops. Launder contaminated clothing before reuse.

EYE: Flush with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

INHALATION: Remove exposed person to fresh air if adverse effects are observed.

ORAL: **DO NOT INDUCE VOMITING!** If conscious, give 2 glasses of water. Get immediate medical attention.

ADDITIONAL: Note to physician: treat symptomatically.

[Back to Top](#)

SECTION 4 - SPECIAL PROTECTION INFORMATION

VENTILATION PROCEDURE:	Use local exhaust ventilation to control dust.
GLOVE PROTECTION:	Neoprene or Nitrite gloves recommended.
EYE PROTECTION:	Safety glasses recommended.
RESPIRATORY PROTECTION:	Normally not required, mask or reparatory for mists
CLOTHING RECOMMENDATION:	As needed to prevent repeated or prolonged contact.

[Back to Top](#)

SECTION 5 - PHYSICAL DATA

The following data are approximate of typical values and should not be used for precise design purposes.

VAPOR PRESSURE:	Less than 0.01mm Hg @ 20 deg. C.
PH:	Essentially neutral.
SPECIFIC GRAVITY:	.886 g/l
LB/GAL:	7.38
API GRAVITY:	28.2
WATER SOLUBILITY:	Insoluble
PERCENT VOLATILE:	Negligible from open container in 4 hrs. @38 deg C.
VAPOR DENSITY:	(Air=1) Greater than 5
EVAPORATION RATE:	Less than 0.01
VISCOSITY:	95-105 cSt @ 40 deg. C.

[Back to Top](#)

SECTION 6 - STABILITY

STABILITY: Stable.
INCOMPATIBILITY: Oxidizing agents and acids.
POLYMERIZATION: Will not occur.
THERMAL DECOMPOSITION: Smoke, carbon monoxide, aldehydes and other products of incomplete combustion. Hydrogen sulfide and short chain alkyl mercaptans may also be released. Under combustion conditions, oxides of the following elements will be formed: Nitrogen, Phosphorus, Sulphur.

[Back to Top](#)

SECTION 7 - SPILL OR LEAK PROCEDURES

SPILL PROCEDURES: Prevent entry into sewers and waterways. Pick up free liquid for recycle or disposal. Absorb small amounts with an inert material.
WASTE DISPOSAL: Dispose according to current local state, and federal regulation. Materials may become hazardous waste through use. If permitted, incineration may be practical. Consider recycling.

[Back to Top](#)

SECTION 8 - SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS: Keep containers closed when not in use. Do not handle or store near high heat or flames. Avoid breathing oil mists, wash skin thoroughly with soap and water after handling.

[Back to Top](#)

SECTION 9 - TRANSPORTATION AND LABELING

DOT PROPER SHIPPING NAME:
DOT HAZARD CLASS:
DOT ID NUMBER (UN NO.):
IMO CLASS:
ICAO CLASS:
CERCLA HAZARDOUS SUBSTANCES:

PRECAUTIONARY LABELS:[Back to Top](#)

SECTION 10 - OTHER REGULATORY INFORMATION

U.S. TSCA INVENTORY: N.D.
OTHER TSCA REG: N.D.
EEC EINECS: N.D.
JAPAN MITI: N.D.
AUSTRALIA: N.D.
SWITZERLAND: N.D.
SARA EXT. HAZ. SUBSET.: N.D.
SARA SECTION 313: N.D.
CAL PROP. 65.: N.D.

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N.A.=Not Applicable N.D.=Not Determined

[Back to Top](#)