

MSDS**Material Safety Data**

Jorgensen Laboratories, Inc.
1450 North Van Buren Avenue
Loveland, CO

Joi-Viel™**Immersion Oil**

Product Codes: 326A
Effective Date: July 01, 2004
24 Hour Emergency Telephone:
CMB: (800)535-5053

All non-emergency questions may be directed to customer service @ (970)669-2500 or fax (970)663-5042

HAZARDOUS INFORMATION**Product Identification**

Hazardous Ingredient: Immersion Oil, 100%
Synonyms: Resolve™
CAS #: N/A

HAZARDS IDENTIFICATION**Emergency Overview**

HARMFUL IF SWALLOWED! As part of good industrial hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

SAFETY RATINGS:	Health: 1, Slight	Reactivity: 0, None
	Flammability: 1, Slight	Contact: 0, None
Protective Equipment:	Safety Glasses or Goggles, Lab Coat or Apron, Gloves.	
Storage Code:	Green: Minimal Hazard.	

Potential Health Effects

INHALATION:
No known effect.
INGESTION:
May be harmful. May cause nausea, vomiting, and diarrhea.
SKIN CONTACT:
No known effect.
EYE CONTACT:
May cause irritation.
CHRONIC EXPOSURE:
No information available.
AGGRAVATION of PRE-EXISTING CONDITIONS:
No information available.

FIRST AID MEASURES

INHALATION:
Remove to fresh air if effects occur.
INGESTION:
Induce vomiting. Get medical advise. Never give anything by mouth to an unconscious person.
SKIN CONTACT:
Wash with mild soap and water. Get medical advise if irritation develops.
EYE CONTACT:
Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical advise if irritation develops.

FIRE FIGHTING MEASURES

FIRE:

Flash Point: 376°F

EXPLOSION:

Not considered to be an explosion hazard.

FIRE EXTINGUISHING MEDIA:

Use alcohol foam, dry chemical or carbon dioxide.

SPECIAL INFORMATION:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

NFPA RATINGS: Health: 0 Flammability: 1 Reactivity: 0

ACCIDENTAL RELEASE MEASURES

Remove sources of ignition. Wear appropriate personal protective equipment as specified in the Personal Protection Section. Absorb with any medium suitable for oil. Wash area with soap and water.

HANDLING AND STORAGE

Store in a cool, dry, ventilated area away from flame, sources of ignition and heat. Keep containers tightly closed and upright. Protect from physical damage. Keep out of direct sunlight and separate from incompatible materials. Storage and use areas should be non-smoking.

PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS:

None established.

VENTILATION SYSTEM:

In general, dilution ventilation is a satisfactory health hazard control for this substance.

PERSONAL RESPIRATORS (NIOSH) APPROVED:

No information available.

SKIN PROTECTION:

Wear protective clothing, gloves, lab coat or apron, as appropriate, to prevent skin contact.

EYE PROTECTION:

Use chemical safety glasses or goggles. Maintain eye wash fountain in work area.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Pale Yellow Viscous Liquid.
ODOR:	Odorless.
SOLUBILITY:	No information available.
SPECIFIC GRAVITY:	0.9236
pH:	No information available.
% VOLATILES by VOLUME:	No information available.
BOILING POINT:	401°F.
MELTING POINT:	No information available.
VAPOR DENSITY (Air =1):	No information available.
VAPOR PRESSURE (mm Hg):	5.2
EVAPORATION RATE (BuAc=1):	No information available.

STABILITY AND REACTIVITY

STABILITY:

Stable under ordinary conditions of use and storage.

HAZARDOUS DECOMPOSITION PRODUCTS:

No information available.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

No information available.

CONDITIONS to AVOID:

Heat, flames and ignition sources.

TOXICOLOGICAL/ECOLOGICAL INFORMATION

TOXICOLOGICAL DATA/ENVIRONMENTAL TOXICITY:

No information available.

DISPOSAL INFORMATION

Dispose of container and unused contents in accordance with federal, state and local requirements. State and local disposal regulation may differ from federal disposal regulations.

OTHER INFORMATION

TRANSPORT (Land, DOT):

Not regulated.

PRODUCT USE:

Laboratory Reagent.

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