



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Catalogue No. : I 10610

Product Name : **IMMERSION OIL**

Manufacturer / supplier identification

Company : NICE Chemicals (P) Ltd. , Cochin , India

Tel - 0484 2800212 , 2802755

Contact For Information : Tel . No. - 0484 2802536 Fax : 0484 2802483

Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION / INFORMATION ON INGREDIENTS

Name : **IMMERSION OIL**

CAS-No: - Molecular formula: -

3. HAZARD IDENTIFICATION

route of entry inds - inhalation: yes skin: no

ingestion: yes carcinogenicity inds - ntp: no iarc:

no osha: no



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health hazards acute and chronic: acute:inhal:allergic asthmatic rxns may occur in persons previously exposed. skin:cntct has prcded irrit ranging from mild to sev in lab animals. rarely, allergic cntct derm may occur in previously expos individuals. eyes:applicatn of oil c onsidered bland & innocuous to eye, however, irrit has been (efts of overexp)

explanation of carcinogenicity: not relevant

signs and symptoms of overexposure: hlth haz:reported in rabbits following applicatn of 500mg to eyes. ingest:may cause irrit of gi mucosa & pelvic congestion. addnl symp due to laxatives may incl excess bowel activity w/griping, abdom cramps, diarr, naus & vomit, dehydration , perianal irrit, weak, dizz, fainting & palpitations, sweat, bloating.

medical conditions aggravated by overexposure: persons at increased risk from exposure may include pregnant women, persons w/symptoms of appendicitis & those who exhibit hypersensitivity. interactions w/medications have been reported.

4.FIRST AID MEASURES

inhal: remove to fresh air immed. if brthg has stopped, perform artf resp. keep person warm & at rest. treat symptomatically & supportively. get med attn immed. skin: remove contamd clthg & shoes immed. wash affected area w/soap/mild deterg ent & lg amts water until no evid of chem remains (approx 15-20 min). get med attn immed. eyes: wash immed w/lg amts water/normal saline, occas lifting (ing 11)

5.FIRE FIGHTING MEASURES

Flash Point Text: 401F,205C

Auto Ignition Temperature

Text: Lower Limits: N/K Upper

Limits: N/K



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Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, HALON, WATER SPRAY OR STANDARD FOAM.

FOR LG FIRES USE WATER SPRAY, FOG OR STANDARD FOAM.

Fire Fighting Procedures: NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP(FP N).
MOVE CNTNR FROM FIRE AREA IF POSS. DO NOT SCATTER SPILLED MATL W/HIGH
PRESS WATER STREAMS.

Unusal Fire/Explosion Hazard: VAP MAY TRAVEL TO SOURCE OF INGIT & FLASH BACK.
CNTNR MAY EXPLODE IN HEAT OF FIRE. VAP EXPLOS HAZ INDOORS,
OUTDOORS/IN SEWERS. RUNOFF TO SEWER .

6. RELEASE MEASURES

SPILL RELEASE PROCEDURES: shut off ignit sources. stop leak if you can do it w/out risk. use
water spray to reduce vaps. for sm spills, take up w/sand/other absorb matl & place into cntnrs for
later disp. for lg spills, dike far ahead of spill for later disp. no (in g14)
neutralizing agent: none specified by manufacturer.

7.HANDLING AND STORAGE

NONE SPECIFIED BY MANUFACTURER.



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8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: SPECIFIC RESP SELECTED MUST BE BASED ON CONTAM LEVELS FOUND IN WORK PLACE, MUST NOT EXCEED WORKING LIM OF RESP & MUST BE NIOSH/MSHA APPRVD. THE FOLLOWING RESP RECOM RANKED IN ORDER FROM MIN TO MAX RESP PROT: CHEM CARTRIDGE RESP (ING 15) Ventilation: PROVIDE GENERAL DILUTION VENTILATION.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APVD SPLSH-PRF/DUST-RES SFTY GOGG

Other Equipment: WEAR APPROP PROT (IMPERV) CLTHING & EQPT TO PRVT RPTED/PRLNGED CNTCT W/SUBST. EYE PROT: (FP N).

Work Hygenic Practices: WEAR APPROP PROT (IMPERV) CLTHING & EQPT TO PRVT RPTED/PRLNG ED

CNTCT W/SUBST. EYE PROT: (FP N).

Supplemental Safety & Health: FIRE FIGHT PROC:CONTROL WATER FOR LATER DISP. USE AGENTS SUITABLE FOR TYPE OF SURROUNDING FIRE. AVOID BRTHG HAZ VAP; KEEP UPWIND. WATER/FOAM MAY CAUSE FROTHING. EXPLO HAZ:CREATE FIRE/EXPLOS HAZ. EFTS OF OVEREXP: FLATULENCE, SUSPECTED ALLERGI C RXN W/FACIAL SWELL, REDNESS & DISCOMFORT MAY ALSO OCCUR. UTERINE (ING 8)

9.PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 595F,313C

Melting/Freezing Point:

14F,-10C Decomposition

Temp: N/K

Vapor Pressure: N/K Vapor Density: N/K



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PH: N/K

Viscosity:

N/P

Evaporation Rate & Reference: >1

(ETHER =1) Solubility in Water:

INSOLUBLE

Appearance and Odor: COLORLESS TO PALE YELLOW VISCOUS LIQ WITH A CHARACTERISTIC ODOR & NAUSEATING TASTE.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

10.STABILITY AND REACTIVITY

Stability Indicator: YES

Stability Conditions to Avoid: MAY BE IGNITED BY HEAT,

SPARKS OR FLAMES. Materials to Avoid: OXIDIZERS

(STRONG):FIRE & EXPLOSION HAZARD.

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY RELEASE TOXIC AND/OR

HAZARDOUS GASES.

Hazardous Polymerization Products: YES

Conditions to Avoid Polymerization: WHEN HEATED TO 300C FOR SEVERAL HOURS IT POLYMERIZES AND BECOMES MISCIBLE WITH MINERAL OILS.



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11.TOXICOLOGICAL INFORMATION : N/P

12.ECOLOGICAL INFORMATION : N/P

13.DISPOSAL METHOD

DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS (FP N).

14.TRANSPORTATION: N/P

15.REGULATORY INFORMATION

SARA Title III: N/P Federal

Regulatory: N/P

16.OTHER INFORMATION

The information's contained herein based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.