

INDIUM CORPORATION OF AMERICA ®\EUROPE®\ASIA-PACIFIC® INDIUM CORPORATION (SUZHOU)® SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: TACFLUX 004B

SDS Number: SDS-IN TF004 Revised Date: 11 APRIL 2015

Product Use: Industrial Use- Tacflux

MANUFACTURER:

In America:

The Indium Corporation of America 34 Robinson Rd., Clinton, NY 13323

Information: (315) 853-4900

In Europe:

Indium Corporation of Europe 7 Newmarket Ct.

Kingston, Milton Keynes, UK, MK 10 OAG

Information: +44 [0] 1908 580400

In Asia:

Indium Corporation of America Asia-Pacific Operations-Singapore 29 Kian Teck Avenue

Singapore 628908

Information: +65 6268-8678

EMERGENCY PHONE:

CHEMTREC 24 hrs. USA: 1 (800) 424-9300

Outside USA: +1 (703) 527-3887

In China:

Indium Corporation (Suzhou), Co., Ltd.

No. 428 Xinglong Street Suzhou Industrial Park Suchun Industrial Square

Unit No. 14-C

Jiangsu Province, China 215126 Information: (86) 512-6283-4900

2. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY:

Carcinogen listed in

XEye XInhalation XSkin XIngestion NTP IARC OSHA XNot Listed

GHS:



Signal Word: Warning Hazard statement (s)

H319 Causes serious eye irritation

Precautionary statement (s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P280 Wear protective gloves/eye protection/face protection

P264 Wash, thoroughly after handling

P270 Do not eat, drink or smoke when using this product

P273 Avoid release to the environment

P301+P314 IF SWALLOWED: Get Medical advice/attention if you feel unwell.

P302+P352 IF ON SKIN: Wash with soap and water

P305+P351 IF IN EYES: Rinse continuously with water for several minutes

Classification:

Eye irritant (Category 2A)

POTENTIAL HEALTH EFFECTS:

Eye Contact: Irritating to the eyes and if not removed promptly, may result in serious eye injury. Do

Not allow material to come in contact with the eyes.

Ingestion: May be harmful if swallowed. May cause irritation

Inhalation: Heated vapor concentrations may be harmful if inhaled. May cause irritation.

Skin Contact: May cause skin irritation.

Chronic: Not established.

NOTE: The Indium Corporation does not recommend, manufacture, market or endorse any of its

product's for human consumption.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Components % wt CAS Registry # OSHA PEL TLV-TWA TLV-STEL

POLYGLYCOL ETHER	35-40	9038-95-3	N.E.	N.E.	N.E.	
PROPRIETARY	40-45	-	N.E.	5	N.E.	
OTHER ADDITIVES	45.05		NE	NE	NE	
OTHER ADDITIVES	15-25	-	N.E.	N.E.	N.E.	
N.E. = Not established						

4. FIRST AID MEASURES

Eye Contact: Hold eyelids apart and flush eyes with plenty of tepid water for at least 15 minutes. Seek medical

attention if irritation persists.

Ingestion: If patient is conscious, ONLY induce vomiting as directed by trained personnel. NEVER give

anything by mouth to an unconscious person. Seek medical attention immediately.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or oxygen by trained personnel.

Seek immediate medical attention.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Wash clothing before

reuse. If irritation persists, obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: Not established. Method: Not established.

Not established. **Auto-ignition Temperature:**

Limits not established, not flammable. Flammable Limits:

Extinguishing Media: Use extinguishers appropriate for the surrounding fire conditions.

Special Fire Fighting Firefighters must wear NIOSH approved self-contained breathing apparatus and full

Procedures: protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Spill or Leak Procedures: Wear a respirator and appropriate Personal Protective (See Exposure

> Controls/Personal Protective Section). Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Dispose of following all Federal, State

and Local regulations. In the EU refer to the Special Waste Regulations.

7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Use care to avoid spills. Avoid breathing Handling **Precautions:**

vapors from heated material. Avoid contact with eyes, skin and clothing. Use with adequate

Storage Precautions: Store product in tightly capped original containers in a cool, dry area. Keep away from heat

and flame. Store away from incompatible materials. Empty containers may be hazardous as

they contain product residue.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Personal protection:

Eyes: Chemical safety glasses/goggles. Face shield for splash hazards.

Respirator: A NIOSH approved or EU compliant CE marked air-purifying respirator with a fume/organic chemical

cartridge is recommended under certain circumstances where airborne concentrations are expected

to be elevated.

Skin: Compatible chemical resistant gloves. Protective outer garment, apron. Sleeves as appropriate.

Other: Eyewash fountain in work area. Avoid the use of contact lenses in high fume

areas.

Work/Hygienic Maintain good housekeeping. Clean up spills immediately.

Practices: Avoid eating, smoking or drinking in the work area. Wash hands thoroughly with soap and water

immediately upon leaving the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Appearance: Flux. Not applicable. Odor: Mild characteristic odor. **Melting Point:** Not applicable **Specific Gravity:** Not applicable Not applicable. pH: **Vapor Pressure:** Insoluble Not applicable. Solubility in Water:

Vapor Density: (air=1) Not applicable.

10. STABILITY AND REACTIVITY

General: Stable.

Conditions to Avoid: Freezing temperatures. High temperatures.

Incompatible Materials: Not established

Hazardous Decomposition / Harmful organic fumes and toxic oxide fumes may form at elevated

Combustion: temperatures.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity: NTP: No (National Toxicology Program)

OSHA: No (Occupational Safety and Health Administration)
IARC: No (International Agency for Research on Cancer)

LD50: Not established. **LC50:** Not established.

Other: None known

12. ECOLOGICAL INFORMATION

Product not tested.

13. DISPOSAL CONSIDERATION

Waste Disposal Method: Dispose of in accordance with all Federal, State and Local environmental regulations.

In Europe follow the Special Waste Regulations.

14. TRANSPORT INFORMATION

Transport in accordance with applicable regulations and requirements. Not regulated under US DOT (United States Department of Transportation).

UN-NONE

Not regulated-ground/IATA/ocean

15. REGULATORY INFORMATION

The information in this Safety Data Sheet meets the requirements of the United States Occupational Safety and Health Act and regulations promulgated hereunder (29 CFR 1910.1200 ET. SEQ.).

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulation (CPR).

WHMIS: Not classified because of insufficient information.

This product has been classified in accordance with the guidelines, as set, by the Dept of Industrial Health of the Republic of Singapore.

SARA 313 Listing - 40 CFR 372.65 - None

All ingredients are listed on the EPA TSCA Inventory.

EC Classification, Packaging and Labeling Requirements:

Symbol and Hazard Classification of Product

Risk Phrases:

R36 Irritating to eyes

Safety Phrases:

S20/21 When using do not eat, drink or smokeS23 Do not breathe fumes/gas/vapor/spray

S24/25 Avoid contact with skin and eyes

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

S7 Keep container tightly closed

16. OTHER INFORMATION

HMIS Hazard Rating: Health: 1

Fire: 1
Reactivity: 0

Revised Date: 11 APRIL 2015

Prepared by: Nancy Swarts, Indium Corporation of America

Approved by: Nancy Swarts, Indium Corporation of America

The information and recommendations contained herein are, to the best of The Indium Corporation of America's knowledge and belief, accurate and reliable as of the date issued. The Indium Corporation of America does not warrant or guarantee their accuracy or reliability, and The Indium Corporation of America shall not be liable for any loss or damage arising out of the user thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.