



## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**1.1 Product Identifier:** PICOSHOT™ CONDITIONER C-1

**SDS Number:** SDS-9001

**Revised Date:** 6 FEBRUARY 2020

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

**Product Use:** Industrial Use - Conditioner

**1.3 Details of the supplier of the safety data sheet**

**MANUFACTURER/SUPPLIER/IMPORTER:**

**In America:**

The Indium Corporation of America®  
34 Robinson Rd, Clinton NY 13323  
Technical & Safety Information: (315) 853-4900  
Safety & SDS Information: [nswarts@indium.com](mailto:nswarts@indium.com)  
Corporation web page: <http://www.indium.com>

**In Europe:**

Indium Corporation of America® (European Operations)  
7 Newmarket Ct.  
Kingston, Milton Keynes, UK, MK 10 OAG  
Information: (normal business hours) +44 [0] 1908 580400  
EU Contact: [aday@indium.com](mailto:aday@indium.com)

**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

**In Asia:**

The Indium Corporation of America®  
Asia-Pacific Operations-Singapore  
29 Kian Teck Avenue  
Singapore 628908  
Information: +65 6268-8678

**1.4 Emergency Telephone Number**

**FOR CHEMICAL EMERGENCY ONLY PHONE \*:**

**CHEMTREC 24 hrs.**

**USA: 1 (800) 424-9300**

**Outside USA: +1 (703) 527-3887**

**\* Used only for spill/leak/fire/exposure/accident**

**In China: Emergency 86+ 4008417580**

**ALL OTHER INQUIRIES: TOLL FREE: +1-800-448-9240 Indium Corporation**

**SECTION 2. HAZARDS IDENTIFICATION**

**PRIMARY ROUTES OF ENTRY:**

\*Eye      \*Inhalation      \*Skin      \*Ingestion      NTP

**Carcinogen listed in**

IARC      OSHA      \*Not Listed

**2.1 Classification of substance or mixture: (mixture)**

**2.2 Label Elements**

Labeling according to Regulation (EC) No. 1272/2008

**GHS**

Signal Word: None

**Precautionary statement(s)**

- P261      Avoid breathing dust/fume/gas/mist/vapors/spray
- P270      Do not eat, drink or smoke when using this product
- P273      Avoid release to the environment
- P280      Wear protective gloves/protective clothing/eye protection/face protection
- P362 + P364      Take off contaminated clothing and wash before reuse
- P301 + P314      IF SWALLOWED: Get Medical advice/attention if you feel unwell
- P302 + P352      IF ON SKIN: Wash with plenty of soap and water
- P304 + 341      IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
- P305 + 351      IF IN EYES: Rinse continuously with water for several minutes (15 mins)

**2.3 OTHER HAZARDS:**

**POTENTIAL HEALTH EFFECTS:**

- Eye Contact:**      May cause irritation to the eyes.
- Ingestion:**      May cause irritation.
- Inhalation:**      May cause irritation to the respiratory tract.
- Skin Contact:**      May cause skin irritation.

**NOTE:**      **The Indium Corporation does not recommend, manufacture, market or endorse any of its products for human consumption.**

**SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS****3.2 Mixture:**

Components	% wt	CAS Registry #
HYDROCARBON	70-80	64742-47-8
ALIPHATIC ALCOHOL	20-30	68603-15-6

N.E. = Not established

<http://www.indium.com>**SECTION 4. FIRST AID MEASURES****4.1 Description of 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.

**4.2 Most important symptoms and effect, both acute and delayed:**

Skin contact may cause irritation.  
 Eye exposure may cause irritation.  
 Burns from molten metal require immediate attention.

**4.3 Indication of any immediate medical attention and special treatment needed:**

No specific special treatment information is available. Review data provided in this document to understand the hazards when working with the product. No other information is available at this time.  
 Seek medical attention if eye irritation continues after flushing .  
 If respiratory discomfort is evident seek immediate medical advice.  
 Seek medical care for burns to skin/eyes.

**SECTION 5. FIRE FIGHTING MEASURES**

- 5.1 Extinguishing Media:** Use extinguishers appropriate for the surrounding fire conditions. Water, CO2, foam media. Water spray to cool only.

**5.2 Special hazards arising from the substance or mixture:**

May produce toxic indium fumes if burning .

**5.3 Advice for Firefighters**

Fire-fighters must wear approved self-contained breathing apparatus and full protective clothing.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

#### **For non-emergency personnel:**

Keep away from the spill. Remove sources of ignition. Keep exhaust ventilation system running. In the event of a fire evacuate area.

#### **For emergency responders:**

Wear safety glasses, gloves when cleaning up any spill. Other equipment may be necessary based on the immediate area and other chemicals unrelated to the product that may be in use. Adequate ventilation should be available. Keep unnecessary personnel away from area during clean up. If on floor wear foot protection to avoid any direct contamination to shoes and boots.

**6.2 Environmental Precautions:** Dispose contaminated cloth rags or paper towels following all applicable governmental regulations. Material is non- hazardous. No reclaim value known.

### 6.3 Methods and material for containment and cleaning up:

Spill or leak procedures: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

**6.4 Reference to other sections:** See Section 8 for exposure levels.

## SECTION 7. HANDLING AND STORAGE

**7.1 Precautions For Safe Handling:** Keep containers tightly closed when not in use. Use care to avoid spills. Avoid breathing vapors from heated material. Avoid contact with eyes, skin and clothing. Use with adequate ventilation.

### 7.2 Conditions for Safe Storage, including any incompatibilities:

**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. Refer to product label and product data sheet for specific storage temperature requirements. Rotate stock to ensure use before expiration date.

**7.3 Specific End Use(s):** Conditioner

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters:

Components	% wt	CAS Registry #	PEL mg/m <sup>3</sup>	TLV-TWA mg/m <sup>3</sup>	TLV-STEL mg/m <sup>3</sup>
HYDROCARBON	70-80	64742-47-8	N.E.	N.E.	N.E.
ALIPHATIC ALCOHOL	20-30	68603-15-6	N.E.	N.E.	N.E.

TWA = time weighted average

STEL = short term exposure level

N.E. = Not established

### 8.2 Exposure Controls:

**Engineering Controls:** Good exhaust ventilation should be sufficient to control airborne levels. Local exhaust may be necessary for some operations.

**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. Most conditions of use do not require respiratory protection.

**Skin:** Compatible chemical resistant gloves. Protective outer garment, apron and sleeves as appropriate.

**Other:** Eyewash fountain in work area. Avoid the use of contact lenses in high fume areas or areas where a mist may be generated.

**Work/Hygienic Practices:** Maintain good housekeeping. Clean up spills immediately.

Avoid eating, smoking or drinking in the work area. Wash hands thoroughly with soap and water immediately upon leaving the work area.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

<b>Appearance:</b>	Gel	<b>Boiling Point/Range:</b>	Not available
<b>Odor:</b>	Slight odor.	<b>Melting Point/Freezing Point:</b>	>19 C < 45 C
<b>Odor Threshold:</b>	Not established	<b>Evaporation Rate:</b>	Not applicable
<b>Specific Gravity:</b>	Not applicable.	<b>pH:</b>	Not established
<b>Vapour Pressure:</b>	Not applicable.	<b>Solubility in Water:</b>	Insoluble
<b>Vapour Density:</b>	(air=1) Not applicable.	<b>Partition coefficient:</b>	Not established
<b>Relative Density:</b>	Not established	<b>Flash Point:</b>	Not established
<b>Flash Point:</b>	>200 F (Not flammable)	<b>Method:</b>	Not applicable
<b>Auto-ignition Temperature:</b>	Not available	<b>Flammable Limits:</b>	Limits not established
<b>UEL/LEL Limits:</b>	Not applicable	<b>Decomposition Temp:</b>	Not applicable
<b>Viscosity:</b>	Not established	<b>Explosive properties:</b>	Not applicable
<b>Oxidizing Properties:</b>	Not established		

9.2 Other Information: Above data for the whole mixture.

## SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity: Stable.

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: Not established

10.4 Conditions To Avoid: Heat, flames, ignition sources and incompatibles.

10.5 Incompatible Materials: Strong oxidizers.

10.6 Hazardous Decomposition / No information available at this time

**Combustion:**

**Hazardous Polymerization:** Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects:**

<b>Acute toxicity:</b>	Not established	<b>Mutagenicity:</b>	Not established
<b>Irritation:</b>	Not established	<b>Toxicity for Reproduction:</b>	Not Established
<b>Corrosivity:</b>	Not applicable	<b>Absence of specific data:</b>	None available (not tested)
<b>Sensitization:</b>	Not available		
<b>Repeated dose toxicity:</b>	Not established		
<b>Carcinogenicity:</b>	Not established.		
<b>Likely Routes of Entry:</b>	eyes (irritation) /skin (irritation) /inhalation (irritation) ingestion (may be harmful)		
<b>Interactive effects:</b>	None known		

**11.2 Symptoms related to the physical, chemical and toxicological characteristics:**

May cause irritation by skin and inhalation.

**11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

None known

**Mixture verses substance information:** None known

**Other Information:**

<b>Carcinogenicity:</b>	<b>NTP:</b> No		
	<b>OSHA:</b> No		
	<b>IARC:</b> No		
<b>LD50:</b>	Not established.	<b>LC50:</b>	Not established.

Product does not contain any substances that cause cancer. Product has not been tested.

**SECTION 12. ECOLOGICAL INFORMATION**

Product mixtures not tested.

- 12.1 **Toxicity:** No information available
- 12.2 **Persistence and degradability:** No information available
- 12.3 **Bioaccumulative potential:** No information available
- 12.4 **Mobility in soil:** No information available
- 12.5 **Results of PBT and vPvB assessments:** No data is available
- 12.6 **Other adverse effects:** No information is available for mixture.

**SECTION 13. DISPOSAL CONSIDERATION**

**13.1 Waste treatment method:**

Dispose of in accordance with environmental regulations. . Containerize material and classify according to applicable regulations. No pre-treatment on site is recommended. Do not dispose of down any drain or waterway. Utilize the same personal protective equipment as the user when handling for disposal.

**RoHS (Restriction of Hazardous Substances):** Compliant with RoHS.

**SECTION 14. TRANSPORT INFORMATION**

Transport in accordance with applicable regulations and requirements.

Non - hazardous.

Not regulated/non- hazardous under US DOT (United States Department of Transportation).

Not regulated/non - hazardous under international shipping requirements.

14.1 UN Number None

14.2 UN proper shipping name: None

14.3 Transport hazard class(s): None

14.4 Packing group: None

14.5 Environmental hazards: None

14.6 Special precautions for user: None

14.7 Transport in bulk: Not applicable

**SECTION 15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:**

The information in this Material 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.).

All ingredients are listed on the USEPA TSCA Inventory.

All ingredients are listed on EINECS.

Safety data sheet was developed using EC 1907/2006 amended as of 20 May 2010 EU No 453/2010 and information as stated under regulation EC No 1272/2008 CLP Regulation.

GHS = Global Harmonized System

CLP= Classification, labeling and packaging

Product does not contain any substances ozone depleting substances and therefore not subject to EC 2037/2000.

**15.2 Chemical safety assessment:** None performed.

**SECTION 16. OTHER INFORMATION**

**NOTE: The Indium Corporation does not recommend, manufacture, market or endorse any of its products for human consumption.**

**HMIS Hazard Rating:**

<b>Health:</b>	1
<b>Fire:</b>	1
<b>Reactivity:</b>	0

**Revised Date:** 6 FEBRUARY 2020

**Prepared by:** Nancy Swarts, Indium Corporation of America

**Approved by:** Nancy Swarts, Indium Corporation of America

Changes provided on this SDS were based on the requirements of EU No. 453/2010 of May 20, 2010 regarding amendments to EC No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

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