

SAFETY DATA SHEET

Inland Diamond Coolant



SDS No: 50011
Revision Date: 04/08/2014
Version: 2.0

This SDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Inland Diamond Coolant

Other identifiers: DiamondCoolant, Router Coolant
Inland Product Number: 50011

Recommended use: Water reservoir additive to help increase the life of diamond grinding heads, drums, drills, bits, tips, and blades.

Manufacturer
Inland Craft Products, Co.
32052 Edward Dr.
Madison Heights, MI 48071
USA
Telephone: (248) 583-7150
Website: www.inlandcraft.com

Emergency telephone numbers
(248) 583-7150
Monday-Friday, 8:00 am - 5:00 PM EST

Medical Emergencies:
(800) 222-1222 (Poison Control in USA)
911

SECTION 2 - HAZARDS IDENTIFICATION

Physical Hazard: May cause eye irritation, repeated, prolonged inhalation may cause adverse health effects.

Color: Blue

Physical State: Liquid

Odor: Little or none

Health Hazards

- Eye** May cause eye irritation.
- Skin** May cause skin irritation, dermatitis in hypersensitive individuals.
- Ingestion** May irritate digestive tract.
- Inhalation** Repeated, prolonged inhalation may cause adverse health effects.

NFPA Rating

Health hazards	1
Fire	0
Reactivity hazards	0

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Ingredients

COMPONENT	OTHER NAMES	CAS	EC-No.	%
none	---	---	---	---

SECTION 4 - FIRST-AID MEASURES

Eye Contact	Flush eyes for at least 15 minutes.. Consult a physician if irritation persists.
Skin Contact	Wash affected area with soap and warm water.
Inhalation	Remove victim to fresh air if effects occur. Apply artificial respiration if needed, and get medical attention promptly if distress occurs.
Ingestion	Never give anything by mouth to an unconscious person. Give two glasses of water and vomiting should be induced and may indeed occur spontaneously. If conscious more water should be given to further dilute the chemical. To avoid aspiration of the swallowed product, lay victim on side with head lower than waist.
Other	Consult a physician if irritation persists.

SECTION 5 - FIRE FIGHTING MEASURES

Flammable Properties	Not flammable or combustible.
Extinguishing Media	Alcohol Foam-CO2-Dry Chemical-Water Spray/Fog- X.
Other Hazards	Not available
Fire Fighting Procedures	Not available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps for Clean-up	Use dry absorbent material to contain spill. Dispose of material in an approved container.
Environmental	Do not let product enter drains.

SECTION 7 - HANDLING AND STORAGE

Handling	Exercise reasonable care.
Storage	Store in a cool, dry place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls	Ventilation: Local. Maintain good industrial practices. Use adequate ventilation
Personal Protection	
Respiratory	Respiratory protection is not normally required. If deemed needed, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Eye	Use safety glasses or goggles for splash protection. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin	Use chemically resistant gloves if sensitive to material.
Other	Exercise reasonable care and caution. Wash before eating smoking or going to the bathroom.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical State	Liquid
Color	Blue
Odor	Odorless to near odorless

Safety Data

pH	6.0
Melting point / freezing Point	32 °F (0°C)
Initial boiling point / boiling range	212 °F (100°C)
Flash point	None
Auto ignition temperature	NO DATA
Evaporation rate (Butyl Acetate=1)	As water
Lower explosive limit	None
Upper explosive limit	None
Vapor pressure	As water
Specific gravity (Water=1)	>1
Solubility in water	Medium to good at 68 °F (20°C)
Percent volatile (v/v)	80-90%
Vapor density (Air=1)	As water
Odor threshold	NO DATA
Vapor pressure	As water

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	Oxidizing materials
Hazardous Decomposition	May produce by products: carbon oxides, traces of incomplete burned carbon compounds, silicon dioxide, formaldehyde.
Hazardous Polymerization	None has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Ingestion	May cause gastrointestinal discomfort.
Inhalation	Repeated, prolonged inhalation may cause adverse health effects..
Skin contact	May cause skin irritation.
Eye contact	May cause eye irritation.

Information on toxicological effects:

Acute toxicity

LD50	No data available
LC50	No data available
TLV (mg/m ³)	No data available

Germ cell mutagenicity No data available.

Carcinogenic effects No data available.

Reproductive toxicity No data available.

Mutagenic effects No data available.

SECTION 12 - ECOLOGICAL INFORMATION

Toxicity

Toxicity to fish No data available.

Toxicity to daphnia
and other aquatic invertebrates No data available.

Toxicity to bacteria No data available.

Persistence and biodegradation No data available.

Bioaccumulation No data available.

Mobility in soil No data available.

Other adverse effects No data available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Offer surplus and non-recyclable solutions to a licensed disposal company. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT (US) Not regulated.

IMO & IMDG Not regulated.

ICAO & IATA Not regulated.

RAIL Not hazardous.

SECTION 15 - REGULATORY INFORMATION

OSHA Hazards Does not contain any products considered hazardous under Federal OSHA HazCom Standard 29 CFR 1910.1200

SARA 302 Components Does not contain ingredients listed in Appendix A and B as extremely hazardous substances.

SARA 313 Components not applicable.

SARA 311/312 Hazards not applicable.

US. California Proposition 65 not listed.

INTERNATIONAL REGULATIONS:

CANADA This product is not a "controlled product" under WHMIS.

SECTION 16 - OTHER INFORMATION

Manufacturer Disclaimer:

The information and recommendations contained in this Safety Data Sheet have been compiled from sources believed to be reliable and to represent the most reasonable current opinion on the subject when the SDS was prepared. Judgement of potential hazards of this product is based on information available about individual components listed in Section 3 - Ingredients. Direct testing of this mixture has not been done. The information given herein is believed to be accurate and is given in good faith, is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. However, no warranty is either expressed or implied. This company shall not be held liable for any damage resulting from handling or from contact with the above. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.