

SAFETY DATA SHEET

IB43150, IB43151, & IB43152– RTSCRIPT



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1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND THE COMPANY/UNDERTAKING

Product Name: RTScript
Product Code: IB43150, IB43151, & IB43152
Recommend Use: For further manufacturing use only
Uses Advised Against: Not for human or animal drug use
Company: IBI SCIENTIFIC
7445 Chavenelle Road
Dubuque, IA 52002
Emergency Tele. Number: 3E Company (Acct# 9027) 1-800-451-8346 / (001) 760-602-8703
Company Tele. Number: 1-800-253-4942 / (001) 563-690-0484
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2. HAZARDOUS IDENTIFICATION**GHS – Classification**

OSHA Regulatory Status: This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29CFR 1910.1200)

Signal Word: -

Appearance: Viscous

Physical State: Liquid

Odor: No information available

Hazards not otherwise classified: Not applicable

Other Information: This mixture has not been fully tested to determine the overall health hazard; therefore in accordance with 29CFR 1910:1200, the data reported above pertains to the ingredients of the mixture.

NFPA Ratings: Health - 1 * Fire - 1 * Reactivity – 0

HMIS Ratings: Health - 1 * Fire - 1 * Reactivity - 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name: Glycerol
EC No.: EEC No. 200-289-5
REACH Reg. No.: Not Available
CAS No.: 56-81-5
Weight %: 50%
Classification: -

4. FIRST AID MEASURES

General Information:	No special measures required.
Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin Contact:	Wash off immediately with soap and plenty of water, removing all contaminated clothes and shoes.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration.
Ingestion:	Never give anything by mouth to an unconscious person. Rinse mouth. Consult a physician.
Notes to Physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flammable Properties:	Not flammable
Flash Point:	Not determined
Suitable Extinguishing Media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.
Hazardous Combustion Products:	Carbon oxides, Sulphur oxides
Explosion Data	
Sensitivity to Mechanical Impact:	Not sensitive
Sensitivity to Static Discharge:	Not sensitive
Protective Equip. & Precautions for Firefighters:	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equiv.) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Not required.
Environmental Precautions:	Dilute with plenty of water. Do NOT allow to enter sewers, surface or ground water.
Methods for Containment:	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet brushing and place in container for disposal according to local regulations. Keep in suitable, closed containers for disposal.
Methods for Cleaning Up:	Absorb on sand or vermiculite and place in closed containers for disposal. Pick up and transfer to properly labeled containers. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Handling:	Handle in accordance with good industrial hygiene and safety practice.
Storage:	No special measures required.
Incompatible Products:	-

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:	This product does not contain any hazardous materials with occupational exposure limits established by the region-specific regulatory bodies.
Chemical Name:	Glycerol - #56-81-5
ACGIH TLV:	-
OSHA PEL:	15* 5**mg/m ³
NIOSH IDLH:	-
Engineering Measures:	Showers, Eyewash Stations, Ventilation Systems

Personal Protective Equipment

Eye/Face Protection:	Avoid contact with eyes. Safety glasses with side-shields.
Skin & Body Protection:	Wear protective gloves/clothing.
Respiratory Protection:	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene Measures:	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, colorless, clear
Odor:	Characteristic
Decomposition Temp. °C:	Not determined
Freezing Point:	No information available
Initial Boiling Point:	No information available
Physical State:	Liquid
pH:	No data available
Flash Point:	No information available
Autoignition Temp. °C:	No information available
Boiling Point/Range:	No information available
Melting Point/Range:	No information available
Flammability Limits (Air):	<u>Upper</u> -No data available * <u>Lower</u> -No data available
Explosive Properties:	Not explosive
Oxidizing Properties:	This substance or mixture is not classified as oxidizing
Evaporation Rate:	No information available
MMHG @ 37.8°C:	No data available
Density:	No information available
Water:	> 70%
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Reactivity:	No data available
Chemical Stability:	Stable under recommended storage conditions
Possibility of Hazardous Reactions:	None under normal processing
Incompatible Products:	No further relevant information available.
Conditions to Avoid:	No further relevant information available.
Hazardous Decomposition Products:	No hazardous decomposition products known
Hazardous Polymerization:	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information:	
Acute Toxicity:	No information available
Skin Corrosion/Irritation:	May cause skin irritation
Serious Eye Damage/Eye Irritation:	May cause eye irritation
Respiratory or Skin Sensitisation:	May be harmful if inhaled
Carcinogenicity:	
ACGIH:	Not listed
IARC:	Not listed
NTP:	Not listed
OSHA:	Not listed

Reproductive Toxicity:	No information available
STOT – single exposure:	No information available
STOT – repeated exposure:	No information available
Aspiration Effects:	No information available

Numerical measures of toxicity – Product Information

The following values are calculated based on chapter 3.1 of the GHS document

12. ECOLOGICAL INFORMATION

Ecotoxicity:	0% of mixture consists of component(s) of unknown hazards to aquatic environment
Toxicity to Algae:	Not determined
Toxicity to Fish:	Not determined
Daphnia Magna (Water Flea):	Not determined
Persistence and Degradability:	Not determined
Bioaccumulation/Accumulation:	No information available
Other Adverse Effects:	No information available
General Notes:	Water hazard class 1 (self-assessment): Slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course, or sewage system

13. DISPOSAL CONSIDERATIONS

Water Disposal Method:	Dispose of material in accordance with all federal, state, and local regulations.
Uncleaned Packagings:	Do not re-use empty containers. Dispose of in accordance with all federal, state, and local regulations.
Cleansing Agent:	Water, if necessary with cleansing agents

14. TRANSPORT INFORMATION

<u>IATA</u>	Not regulated
<u>US DOT</u>	Not regulated

15. TOXICOLOGICAL INFORMATION**International Inventories**

TSCA:	Complies
DSL/NDSL:	Complies
EINECS/ELINCS:	Complies
ENCS:	Complies
IECSC:	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA:	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL:	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS:	European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS:	Japan Existing and New Chemical Substances
IECSC:	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances
AICS	Australian Inventory of Chemical Substances

16. OTHER INFORMATION

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Revision Note:

Recommended Restrictions: No information available

Disclaimer: The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release; and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the test.

End of Safety Data Sheet