

Issue date 2023-10-25

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Loganin
 Product No. 43
 Supplier Name IWASHIMA YAKUHI Co., Ltd.
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 Recommended uses and restrictions on use For research use only, do not use for human or animals.

2. Hazards identification

GHS classification	Not applicable
Pictograms	None
Signal word	Not applicable
Hazard statements	Not applicable
Precautionary statements	
Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
Disposal	Not applicable
Other hazards	Not available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Single Substance or Mixture	Substance
Chemical Name	Loganin
Concentration or concentration range	<100%
Formula (Molecular weight)	C17H26O10 (390.38)
CAS RN	18524-94-2
Notice Through Official	—
Gazettes Reference Number (ENCS)	
Notice Through Official	—
Gazettes Reference Number (ISHL)	
PRTR	—
Impurities and/or Additives	Not applicable

4. FIRST AID MEASURES

Inhalation	Get emergency medical help immediately. Remove person to fresh air and keep comfortable for
Skin contact	Get emergency medical help immediately.Wash with plenty of water.
Eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.
Ingestion	Get emergency medical help immediately.Rinse mouth.
Most important symptoms/effects, acute and delayed	Not available.
Protection of first-aiders	Not available.
Special notes for physicians	Not available.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Water spray (fog), Foam, Extinguishing powder, Carbon dioxide (CO2)
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Unsuitable extinguishing media	No information
Specific hazards arising from the chemical product	In the event of a fire, highly toxic decomposed products may be generated.
Special extinguishing method	No information
Special protective actions for fire-fighters	Wear self-contained breathing apparatus , protective gloves and eye protection.
6 . ACCIDENTAL RELEASE MEASURES	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Ensure adequate ventilation.Wear protect clothes while the work.
Environmental precautions	Avoid release to the environment.
Methods and materials for contaminant and cleaning up	Collect spillage appropriately to prevent it from scattering. For waste disposal, see section 13 of the SDS.
Secondary disaster prevention measures	Clean contaminated objects and areas thoroughly to remove residual contamination.
7 . HANDLING AND STORAGE	
Handling	Technical measures Safety handling precautions
	See section 8 of the SDS, perform engineering controls and Do not rough handling containers. Avoid contact and inhalation of dust. Wear protective equipment. Seal the container after use. After handling, wash hands. See section 10 of the SDS.
	Contact avoidance Hygiene measures
	After handling, wash hands. Do not take food, drink and smoking while handling.
Storage	Safe storage conditions
	Store in a cool, dark place.Protect from sunlight. Store locked up.
	Safe storage conditions
	Glass.Keep container tightly closed.
8 . EXPOSURE CONTROLS/PERSONAL PROTECTION	
Administrative Control Levels	No set up.
Occupational Exposure Limits	Japan Society for Occupational ACGIH
	No set up.
Engineering controls	Provide the safety shower facility, and hand and eye-wash facility. Use a local exhaust system
Personal protective equipment	Respiratory protection Hand protection Eye/face protection Skin and body protection
	Dust mask Protection gloves Chemical safety goggles Lab Coat, long sleeve work clothes
Special note	Protective equipment should be inspected periodically according to the protective inspection chart.
9 . PHYSICAL AND CHEMICAL PROPERTIES	
Physical state	State Colour Odor
	Solid White Odorless
Melting point/freezing point	About 222℃
Boiling point, initial boiling point and boiling range	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available

Solubilities	Soluble in water, sparingly soluble in methanol, and very slightly soluble in ethanol (99.5).	
n-Octanol/water partition coefficient:(log Pow)	No data available	
Vapour pressure	No data available	
Specific Gravity / Relative density	No data available	
Vapour density	No data available	
Particle characteristics	No data available	
Other data	No data available	
1 0 . STABILITY AND REACTIVITY		
Reactivity	No data available	
Chemical stability	Decompose by heat and light.	
Hazardous reactions	No data available	
Conditions to avoid	High temperature and direct sunlight.	
Incompatible materials	No data available	
Hazardous decomposition products	No data available	
1 1 . TOXICOLOGICAL INFORMATION		
Acute toxicity - Oral	No data available	
Acute toxicity (Dermal)	No data available	
Acute toxicity (Inhalation : gas)	No data available	
Acute toxicity (Inhalation : vapours)	No data available	
Acute toxicity - Inhalation (Dusts/Mists)	No data available	
Skin irritation/corrosion	No data available	
Serious eye damage/ irritation	No data available	
Respiratory sensitization	No data available	
Skin sensitization	No data available	
Reproductive cell mutagenicity	No data available	
Carcinogenicity	No data available	
Reproductive toxicity	No data available	
Reproductive toxicity, effects on or via lactation	No data available	
STOT-single exposure	No data available	
STOT-repeated exposure	No data available	
Aspiration hazard	No data available	
1 2 . ECOLOGICAL INFORMATION		
Ecotoxicity	Hazardous to the aquatic environment, acute hazard	No data available
	Hazardous to the aquatic environment, long-term	No data available
Persistence and degradability	No data available	
Bioaccumulative potential	No data available	
Mobility in soil	No data available	
Hazard to the ozone layer	No data available	
1 3 . DISPOSAL CONSIDERATIONS		
Waste from residues	Dispose of contents/container in accordance with local/regional/national/international regulations.	
Contaminated container and contaminated packaging	Dispose of contents/container in accordance with local/regional/national/international regulations.	
1 4 . TRANSPORT INFORMATION		
International restriction	Not regulated	
	UN Number	
	Proper shipping name	
	UN classification (Transport hazard class)	
	Subsidiary hazard class	
	Packing group	
	Marine pollutant	Not applicable

Domestic restriction		
	Marine	Not applicable
	Aviation	Not applicable
	Rail and road	Not applicable
1 5 . REGULATORY INFORMATION		
Industrial Safety and Health Act		Not applicable
Pollutant Release and Transfer Register Law		Not applicable
Poisonous and Deleterious Substances Control Law		Not applicable
Labor Standards Act		Not applicable
Act on the Regulation of Manufacture and Evaluation of Chemical Substances		Not applicable
Fire Service Act		Not applicable
Air Pollution Control Act		Not applicable
Water Pollution Prevention Act		Not applicable
Water Supply Service Act		Not applicable
Sewerage Act		Not applicable
Act on Prevention of Marine Pollution and Maritime Disaster		Not applicable
Act on Waste Management and Public Cleaning		Not applicable
1 6 . OTHER INFORMATION		
Key literature references and sources for data etc.	NITE: National Institute of Technology and Evaluation (JAPAN): Nite Chemical Risk Information Platform Ministry of Health, Labour and Welfare : GHS model SDS information Japanese Pharmacopoeia Inagaki I(1972)[Phytochemistry] Shokubutukagaku (in Japanese) 4th edition.Ishiyaku Publishers,Inc. National Institutes of Health : PubChem ECHA : Opinion of the Committee for Risk Assessment (RAC) in EU	
This SDS is according to JIS Z 7253: 2019.		
This information in this Safety Data Sheet is designed only as a guidance for handling, and is not to be considered a warranty or quality specification of this product.The information provided is correct to the best of our knowledge, information and belief at the data of its publication and so on. However, any warranty shall not be given regarding the data contained and the assessment of hazards and toxicity.		