

Issue Date: 15/09/2023
Last Revision Date: N/A
Superseded Date: N/A
Version Number: 01

SAFETY DATA SHEET

Product Code: DSS015

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SECTION 1 PRODUCT IDENTIFICATION

Product Name: Livingstone Needles Sharps Waste Collector
CAS No.: N/A
EC No.: N/A
Molecular Formula: N/A

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

Relevant identifies uses: N/A

SECTION 2 HAZARD IDENTIFICATION

Hazard classification according to GHS: Not applicable

Label elements

Hazard pictograms: Not applicable
Signal word: Not applicable

Hazard statements: Not applicable

Precautionary statements

Prevention: Not applicable
Response: Not applicable
Storage: Not applicable
Disposal: Not applicable

Hazard description

Physical and chemical hazards

Solid, toxic smoke/fumes in a fire

Health hazards

Inhaled: Inhalation of the product may produce adverse health effects or irritation of the respiratory tract following discomfort.
Ingestion: Accidental ingestion of the product may be harmful to the health of the individual.
Skin contact: No harm in general situation. Entry into the blood-stream, through, for example, cuts, abrasions or lacerations, may produce systemic injury with harmful effects.
Eye: This product may cause temporary discomfort following direct contact with the eye.

Environmental hazards

Please refer to 12th chapter of SDS

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SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Concentration (weight percent %)
PP	12185-09-0	N/A	100

SECTION 4 FIRST AID MEASURES

Description of first aid measures

General advice:	Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.
Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician if feel uncomfortable.
Skin contact:	No harm in general situation. First aid is not needed.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.
Inhalation:	Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance, If not breathing, give artificial respiration and consult a physician immediately.
Protecting of First-aiders:	Ensure that medical personnel are aware of the substance involved. Take precautions to protect themselves and prevent spread of contamination.

Most Important symptoms and effects, both acute and delayed

- Please see section 11

Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
- Symptoms may be delayed

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media:	Use extinguishing media suitable for surrounding area.
Unsuitable Extinguishing Media:	There is no restriction on the type of extinguisher which may be used.

Specific hazards arising from the substance or mixture

- Not combustible, not considered a significant fire risk, however containers may burn.
- Development of hazardous combustion gases or vapor possible in the event of fire.

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Advice for firefighters

- As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.
- Fight fire from a safe distance, with adequate cover.
- Suppress (knock down) gases/vapor/mists with water spray.
- Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- Personal precautions, protective equipment and emergency procedures
- Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
- Use personal protective equipment. Avoid breathing vapours, mist, gas or dust.

Environmental precautions

- Prevent further leakage or spillage if safe to do so.
- Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

- Use clean, non-sparking tool to collect absorbed material.
- Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
- Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7

HANDLING AND STORAGE

Precautions for handling

- Handling is performed in a well ventilated place.
- Keep away from heat/sparks/open flames/ hot surfaces.

Precautions for storage

- Keep containers tightly closed.
- Keep containers in a dry, cool and well-ventilated place.
- Keep away from heat/sparks/open flames/hot surfaces.
- Store away from incompatible materials and food stuff container.

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SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limit Values No relevant regulations.

Biological limit values No relevant regulations.

Monitoring methods

- EN 14042 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.
- GBZ/T 160.1~GBZ/T 160.81-2004 Determination of toxic substances in workplace air (Series standard).

Engineering controls

- Ensure adequate ventilation, especially in confined areas.
- Ensure that eyewash stations and safety showers are close to the workstation location.
- Set up emergency exit and necessary risk-elimination area.
- Handle in accordance with good industrial hygiene and safety practice.

Personal protection equipment

General requirement No special requirements, please see the description below.

Eye protection In general situation, eye protection is not needed. In the production process, Eye protection when contacting with dust, tightly fitting safety goggles (approved by EN 166 (EU) or NIOSH (US)).

Hand protection In general situation, hand protection is not needed.

Respiratory protection In general situation, respiratory protection is not needed. If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

Skin and body protection In general situation, skin and body protection are not needed.

SECTION 9

PHYSICAL/CHEMICAL PROPERTIES

Appearance	Translucent yellow
Odour	Odourless
Odour threshold	No information available
PH	No pH value
Melting point/freezing point)	No information available

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Initial boiling point and boiling range(°C)	No information available
Flash point(Closed cup,°C)	Not applicable
Evaporation rate	Not applicable
Flammability	Not flammable
Upper/lower explosive limits[% (v/v)]	No information available
Vapor pressure	Not applicable
Relative vapour density (Air=1)	Not applicable
Relative density (Water=1)	Not applicable
Solubility (mg/L)	Insoluble in water
n-octanol/water partition coefficient	No information available
Auto-ignition temperature (°C)	No information available
Decomposition temperature(°C)	No information available
Kinematic viscosity	Not applicable

SECTION 10 STABILITY AND REACTIVITY

Stability and reactivity

Reactivity	Contact with incompatible substances can cause decomposition or other chemical reactions.
Chemical stability	Stable under proper operation and storage conditions.
Possibility of hazardous reactions	No information available.
Conditions to avoid	Incompatible materials, heat, flame and spark.
Incompatible materials	Strong oxidizing agent.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity	No information available
Others	

SHARPS CONTAINER

Skin corrosion/irritation	Based on available data, the classification criteria are not met
Serious eye damage/irritation	Based on available data, the classification criteria are not met
Skin sensitization	Based on available data, the classification criteria are not met
Respiratory sensitization	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met

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STOT-single exposure	Based on available data, the classification criteria are not met
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Reproductive toxicity(additional)	Based on available data, the classification criteria are not met

SECTION 12 ECOLOGICAL INFORMATION

Acute aquatic toxicity	No information available
Chronic aquatic toxicity	No information available

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal considerations	
Waste chemicals	Before disposal should refer to the relevant national and local laws and regulation. Recommend the use of incineration disposal.
Contaminated packaging	Containers may still present chemical hazard when empty. Keep away from hot and ignition source of fire. Return to supplier for recycling if possible.
Disposal recommendations	Refer to section 13.1 and 13.2.

SECTION 14 TRANSPORT INFORMATION

Label and mark	
Transporting Label	Not applicable
IMDG-CODE	Not regulated for transport of dangerous goods
ICAO/IATA-DGR	Not regulated for transport of dangerous goods
UN-ADR	Not regulated for transport of dangerous goods

SECTION 15 REGULATORY INFORMATION

International chemical inventory

Component	EINECS	TSCA	DSL	IECSC	NZIO _C	PICCS	KECI	AICS	ENCS
PP	X	✓	✓	✓	✓	✓	✓	✓	✓

[EINECS] European Inventory of Existing Commercial Chemical Substances

[TSCA] United States Toxic Substances Control Act Inventory

[DSL] Canadian Domestic Substances List

[IECSC] China Inventory of Existing Chemical Substances

[NZIOC] New Zealand Inventory of Chemicals

[PICCS] Philippines Inventory of Chemicals and Chemical Substances

[KECI] Existing and Evaluated Chemical Substances

[AICS] Australia Inventory of Chemical Substances

[ENCS] Existing And New Chemical Substances

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Note

"✓" Indicates that the substance included in the regulations

"x" That no data or included in the regulations

SECTION 16 OTHER INFORMATION

Reference

- [1]IPCS: The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>.
- [2]IARC, website: <http://www.iarc.fr/>.
- [3]OECD: The Global Portal to Information on Chemical Substances, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- [4]CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>.
- [5]NLM: ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>.
- [6]EPA: Integrated Risk Information System, website: <http://cfpub.epa.gov/iris/>.
- [7]U.S. Department of Transportation: ERG, website: <http://www.phmsa.dot.gov/hazmat/library/erg>.
- [8]Germany GESTIS-database on hazard substance, website: <http://gestis-en.itrust.de/>.

Abbreviations and acronyms

CAS-Chemical Abstracts Service
PC-STEL- Short term exposure limit
DNEL-Derived No Effect Level
RPE - Respiratory Protective Equipment LCso-Lethal Concentration 50%
INO EC-No Observed Effect Concentration
PBT - Persistent, Bioaccumulative, Toxic BCF - Bioconcentration factor (BCF)
IMDG-International Maritime Dangerous Goods
UN-The United Nations
INFPA-National Fire Protection Association
CMR- Carcinogens, mutagens or substances toxic to reproduction PC-TWA - Time Weighted Average
IARC - International Agency for Research on Cancer
PNEC-Predicted No Effect Concentration
LDso-Lethal Dose 50%
IEC 50-Effective Concentration 50%
POW-Partition coefficient Octanol: Water
vPvB-very Persistent, very Bioaccumulative
ICAO/IATA-International Civil Aviation Organization/International Air Transportation Association
ACGIH-American Conference of Governmental Industrial Hygienists
OECD-Organization for Economic Co-operation and Development

END OF SDS

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