

1. Identification

Product identifier Purolite® C100E
Other means of identification None.
Recommended use Ion Exchange, Absorbent and/or Catalyst
Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Supplier Purolite
 150 Monument Road
 Bala Cynwyd, PA 19004 USA
Telephone +1 610 668 9090
Fax +1 610 668 8139

Manufacturer Purolite S.R.L.
 Str. Aleea Uzinei nr.11,
 505700 Victoria
 Judetul Brasov
 Romania

Telephone +40 26 824 3001
Fax +40 26 824 3002

Manufacturer Purolite
 150 Monument Road
 Bala Cynwyd, PA 19004 USA
Telephone +1 610 668 9090
Fax +1 610 668 8139

Manufacturer Purolite (China) Co. Limited,
 Qianlong Economic Development Zone,
 Qianyuan Town, Deqing County,
 Huzhou City, Zhejiang, China 313216
Telephone +86 572 842 2908
Fax +86 572 842 5345

Contact person SDS Coordinator
E-mail msds@purolite.com

1.4. Emergency telephone number +1 866 387 7344
 +1 760 602 8703

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.

Signal word None.

Hazard statement The mixture does not meet the criteria for classification.

Precautionary statement

Prevention Observe good industrial hygiene practices. Use personal protective equipment as required.

Response Wash hands after handling. Get medical advice/attention if you feel unwell.

Methods and materials for containment and cleaning up

Avoid the generation of dusts during clean-up. The product is immiscible with water and will sediment in water systems.

Large Spills: Dike the spilled material, where this is possible. Sweep or shovel up material and place in a clearly labeled container for waste.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal.

Never return spills to original containers for re-use.

For waste disposal, see section 13 of the SDS.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Cover with plastic sheet to prevent spreading. Do not allow to enter drains, sewers or watercourses.

7. Handling and storage

Precautions for safe handling

Wear protective clothing as described in Section 8 of this safety data sheet. Use with adequate ventilation. Keep formation of airborne dusts to a minimum. Wash thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Appropriate engineering controls

Provide adequate ventilation. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection

Protective gloves should be worn to prevent skin contact.

SPECIFIC RECOMMENDATIONS.

Breakthrough time: > 10 minutes.

Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Respiratory protection

No personal respiratory protective equipment normally required.

Thermal hazards

None known.

General hygiene considerations

Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance

Beads.

Physical state

Solid.

Form

Solid. Beads.

Color

Gold. Amber. Light brown. Dark brown. Black. Green.

Odor

Odorless.

Odor threshold

Not available.

pH

Neutral.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

Not available.

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.
Chronic effects	Chronic effects are not expected when this product is used as intended.
Further information	No other specific acute or chronic health impact noted.

12. Ecological information

Ecotoxicity	Based on available data, the classification criteria are not met for hazardous to the aquatic environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Mobility in general	No data available.
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	Not regulated.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations	This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List. This solution may be subject to SARA 311/312 and CERCLA based on the threshold quantities of individual components.
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TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Version #
HMIS® ratings

02
Health: 1
Flammability: 1
Physical hazard: 0

NFPA ratings



List of abbreviations

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail.
MARPOL: International Convention for the Prevention of Pollution from Ships.

Disclaimer

The information provided in this safety data sheet is based on current knowledge about the product and current legal requirements and standards. It relates specifically to health, safety and environmental requirements and standards, may not identify all hazards associated with the product or its uses or misuses, does not signify any warranty with regard to the properties of the product, and only applies when the product is used for the purposes indicated in section 1. This product is not sold as suitable for other purposes and such other usage may cause risks not mentioned in this safety data sheet.