
SAFETY DATA SHEET

1. Section 1. Identification

1.1. Product Identifier

Trade name or designation of mixture: Purolite® SST60

Other means of identification: None.

1.2. Recommended use: Ion Exchange, Adsorbent, and/or Catalyst

Recommended restrictions: None known.

1.3. Manufacturer/Importer/Supplier/Distributor Information

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

Manufacturer: Purolite S.R.L. Purolite
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Tel:+40 2682 43004 Tel:+1 610 668 9090
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Purolite (China) Co. Limited
Qianlong Economic Development Zone,
Qianyuan Town, Deqing County,
Huzhou City, Zhejiang, China 313216

Tel:+86 572 8422908
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Contact Person: Ken Shaner

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1.4. Emergency Telephone Number: +1 866 387 7344
+1 760 602 8703

2. Section 2. Hazard(s) identification

2.1 Classification of the substance or mixture

2.1.1 Hazard summary

4.1.3 Eye contact

-Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. If eye irritation persists, get medical advice/attention.

4.1.4 Ingestion

-Rinse mouth thoroughly. Never give liquid to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

-Eye contact: Contact may cause irritation with redness, tearing, pain, and/or blurred vision.

4.3 Indication of any immediate medical attention and special treatment

-Treat symptomatically

4.4 General information

-If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Section 5. Fire-fighting measures

5.1 Suitable extinguishing media

-Extinguishing with foam, carbon dioxide, dry powder or water fog.

5.2 Unsuitable extinguishing media

-None known.

5.3 Special hazards arising from the substance or mixture

-By heating and fire, harmful vapors/gases may be formed.

5.4 Special protective equipment for fire fighters

-Wear self-contained breathing apparatus and protective clothing.

5.5 Fire fighting equipment/instructions

-In the event of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Wear self-contained breathing apparatus and protective clothing.

5.6 Specific methods

-Use standard firefighting procedures and consider the hazards of other involved materials.

6. Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

-Keep unnecessary personnel away. Avoid contact with skin and eyes. For personal protection, see section 8 of the SDS.

6.2 Methods and materials for containment and cleaning up

-Avoid the generation of dusts during clean-up.

-Large Spills: Dike the spilled material, where this is possible. Sweep or shovel up material and place in a clearly labeled container for waste. For waste disposal, see Section 13 of the SDS.

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

-Never return spills to original containers for re-use.

drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Section 9. Physical and chemical properties

9.1 Appearance: Beads

Physical state: Solid

Form: Bead

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.

Upper/lower flammability or explosive limits

-**Flammability limit-lower (%):** Not available.

-**Flammability limit-upper (%):** Not available.

Vapor pressure: Like water

Vapor density: Not applicable.

Relative density: 1.15 - 1.20

Solubility(ies)

-**Solubility (water):** Insoluble in water and organic solvents

Partition coefficient n-octanol/water: No data available.

Auto-ignition temperature: Not available.

Decomposition temperature: Not available.

Viscosity: Not available.

10. Section 10. Stability and reactivity

10.1 Reactivity

-The product is stable and non reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

-Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

-No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

-Heat, sparks, flames elevated temperatures.

10.5 Incompatible materials

-Strong oxidising agents. Nitric acid.

10.6 Hazardous decomposition products

-Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Section 11. Toxicological information

12.1 Toxicity

-No test data available for the product.

12.2 Persistence and degradability

-No data available.

12.3 Bioaccumulative potential

-No data available.

12.4 Mobility in soil

-No data available.

12.5 Mobility in general

-No data available.

12.6 Other adverse effects

-The product is 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.

13. Section 13. Disposal considerations

13.1 Waste treatment methods

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. Dispose of in accordance with local regulations.

Hazardous waste code

-Not regulated.

Waste from residues / unused products

-Dispose of in accordance with local regulations.

Contaminated packaging

-Empty containers should be taken to an approved waste handling site for recycling or disposal. No special precautions.

14. Section 14. Transport information

14.1 DOT

-Not regulated as dangerous goods.

14.2 IATA

-Not regulated as dangerous goods.

14.3 IMDG

-Not regulated as dangerous goods.

14.4 Transport in Bulk according to AnnexII of MARPOL 73/78 and the IBC Code

-Not applicable.

15. Section 15: Regulatory information

15.1 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.

Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippine	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

15.6 Other International Regulations

REACH Registration Number:

This mixture is exempted from Registration according to the provisions of Title II and VI and Article 2(9) of REACH.

Canadian regulations:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR).

WHMIS status: Non-controlled

16. Section 16. Other information, including date of preparation or last revision

HMIS:

Health: 1

Flammability: 1

Physical Hazard: 0



NFPA:

Health: 1