

1. Product and Company Identification

Product Name: Polyester Resin 100KC
Product Use: Raw materials for personal care
Supplier: Charkit Chemical Company, LLC.
32 Haviland Street, Unit 1
Norwalk, CT 06854, USA
Phone: 1-203-299-3220
Fax: 1-203-299-1355

Emergency Number: CHEMTREC 1-800-424-9300 (USA), 1-703-527-3887 (International)

2. Hazard Identification

GHS Classification : Not classified

- Symbol :** -
- Signal word :** -
- Hazard statement :** -

3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent (% w/w)
Polyester Resin product	28407-73-0	100

4. First Aid Measures

After eye contact

- Flush eyes with running water for at least 15 minutes.
- If needed, seek medical attention.

After skin contact

- Wash skin with soap and running water for at least 15 minutes.
- If needed, seek medical attention.

After inhalation

- Move victim to fresh air.
- Give artificial respiration if breathing has stopped.
- Immediately seek medical attention.

After swallowing

- Immediately see a physician.
- Never give anything by mouth to an unconscious person.

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Notes to physician

- Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.

5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing agents : Regular foam, carbon dioxide, dry chemicals.

Unsuitable extinguishing agents : -

Large Fires : -

Hazardous combustion products : Smoke, carbon oxides, nitrogen oxides(NOx).

Protection of firefighters

Specific hazards arising from the chemical : Toxic fumes may occur when combustion or in high temperatures occurs.

Protective equipment for firefighters :

Firefighters should wear self-contained breathing apparatus (SCBA).

Structural firefighter's protective clothing will only provide limited protection.

General fire hazards

- Water may be used to keep fire-exposed containers cool until fire is out.
- Minimize exposure.
- Do not breathe fumes.
- Contain run-off.
- Wear self-contained breathing apparatus and protective suit.

6. Accidental Release Measures

Personal precautions

- No danger almost exists as adding agent of detergents.
- Wash off in clean water.

Environmental precautions

- Atmosphere : Use with adequate ventilation.
- Land : Absorb liquid vermiculite or other absorbent material.
- Underwater : Prevent entry into public water course.

Methods for cleaning up

Small Spill : Absorb liquid on vermiculite or other absorbent material.

Large Spill : Eliminate all ignition sources. Exclude all persons not wearing protective equipment from area of spill. If runoff occurs, notify authorities as required. Pump or transfer spilled product to containers for recovery or disposal. Absorb unrecovered product

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and transfer contaminated absorbent, soil and other materials to containers for disposal. Dispose of in accordance with all local, state and federal regulations. Incineration is the preferred method of disposal.

7. Handling and Storage

Safe Handling

- Wash thoroughly after handling.
- Keep away from heat, sparks and open flame.
- Avoid breathing vapors.

Safe Storage

- Keep container closed when not in use.
- Use with adequate ventilation.
- Since emptied containers contain product residue, follow level warnings after container is emptied.

8. Exposure Controls and Personal Protection

Engineering Controls : Use local exhaust to maintain butyl acetate vapors below PEL limits.

Exposure Limits : No data

Personal Protective Equipment

Respiratory Protection: A self-contained breathing apparatus or approved organic vapor mask if handling material in areas with concentration above the PEL.

Eyes: Wear chemical safety goggles with side shields. .

Skin: Wear chemically resistant gloves.

Clothing: Not normally required.

9. Physical and Chemical Information

Appearance	Solid.
Color	Clear to yellowish
Odor	Normal for a Resin product
Odor threshold	No data
pH	No data
Melting point/Freezing point	Not applicable
Initial boiling point and Boiling range:	No data
Flashpoint	No data
Evaporation rate	No data

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Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	No data
Vapor pressure	No data
Solubility	Practically insoluble in water Soluble in alcohols, acetone, ester
Vapor density	No data
Relative Density	1.20 (at 20°C)
Partition coefficient: n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	4000-8000 cps (at 20°C)
Molecular weight	No data

10. Stability and Reactivity

Stability : Stable under normal temperature and pressure

Conditions to Avoid : No data

Incompatible materials : Strong acid and oxidizing agents.

Hazardous decomposition products : . Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

<input type="radio"/> Acute toxicity (Oral)	No data
<input type="radio"/> Acute toxicity (Dermal)	No data
<input type="radio"/> Acute toxicity (inhalation)	No data
<input type="radio"/> Skin corrosion/irritation	No data
<input type="radio"/> Serious eye damage/eye irritation	No data
<input type="radio"/> Respiratory sensitization	No data
<input type="radio"/> Skin sensitization	No data
<input type="radio"/> Carcinogenicity	No data
<input type="radio"/> Germ cell mutagenicity	No data
<input type="radio"/> Reproductive toxicity	No data
<input type="radio"/> Specific target organ Toxicity (Single exposure)	No data
<input type="radio"/> Specific target organ Toxicity (Repeated exposure)	No data

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<input type="radio"/> Aspiration	No data
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12. Ecological Information

<input type="radio"/> Toxicity	No data
<input type="radio"/> Persistence and degradability	No data
<input type="radio"/> Bioaccumulative potential	No data
<input type="radio"/> Mobility in soil	No data
<input type="radio"/> Other adverse effects	No data

13. Disposal Considerations

Incinerate or landfill waste in a properly permitted facility in accordance with federal, state and local regulations. Liquids cannot be disposed of in a landfill.

14. Transport Information

UN Number : -
Proper Shipping Name : -
Transport hazard class : -
Packing group, if applicable : -
Environmental hazards : -
Special precautions for user : -

15. Regulatory Information

Safety, health and environmental regulations specific for the product in question:

EU Regulation

- Directive 67/548/EEC: Not regulated
- CLP regulation (EC) No 1272/2008: Not regulated
- HPV Chemical: Not regulated

US Regulation

- OSHA Regulation (Standard-29 CFR) 1910.119 : Not regulated
- CERCLA SARA Title III Section 313: Not regulated
- CERCLA SARA Title III Section 311: Not regulated
- CERCLA SARA Title III Section 304: Not regulated
- CERCLA SARA Title III Section 302: Not regulated

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- Toxic Substances Control Act (TSCA) Inventory: All components of this product are registered

○ International Regulation

- INCI (International Nomenclature of Cosmetic Ingredients): Decaglycerol Monolaurate – Skin conditioning
- International Council of Chemical Associations (ICCA) HPV Chemicals Programme : Not regulated
- Rotterdam Convention: Not regulated
- Stockholm Convention on Persistent Organic Pollutants (POPs): Not regulated
- Montreal Protocol: Not regulated

16. Other Information

References

- National library of Medicine (NLM)
- ECB-ESIS (European chemical Substances Information System)
- eChemPortal: The Global Portal to Information on Chemical Substances
- INCI(International Nomenclature of Cosmetic Ingredients)
- Emergency Response Guidebook (2008)

MSDS Creation Date: June 3, 2013

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.