DeoConcentrate Personal Care

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 06-May-2021
Supersedes: 31-Aug-2017

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: DeoConcentrate Personal Care
Synonyms: No data available
INCI Name: Zinc ricinoleate, Sodium Lauroyl Sarcosinate, Tetrahydroxypropyl Ethylenediamine
CAS Number: 13040-19-2, 137-16-6, 102-60-3, 7732-18-5
Formula: No data available
Product Form: Liquid
Product Use: Cosmetic use

Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)

Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Eye Irrit. 2
GHS Signal Word: **WARNING**

GHS Hazard Pictograms:

GHS Hazard Statements:
H302: Harmful if swallowed.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H402: Harmful to aquatic life.

GHS Precautionary Statements: Wear protective gloves, eye/face protection.
Wash hands and exposed skin after use.

Potential Health Hazards:
Eyes: May be irritant.
Inhalation: Not expected to be irritant.
Skin: May be irritant.
Ingestion: May be irritant.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Water	7732-18-5	55-65%	18.02 g/mol
Zinc salts	Proprietary	19-21%	Not available
Anionic surfactants	Proprietary	5-10%	Not available
Polyol	Proprietary	10-15%	Not available

4 FIRST AID MEASURES

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Inhalation: Not normally required. Treat symptomatically.
Skin: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
Ingestion: Call a physician or a POISON CONTROL CENTER immediately. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperature. Use appropriate media (dry chemical, foam, carbon dioxide, water spray) for adjacent fire. Do not use direct water jet.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots. Keep containers cool by spraying with water if exposed to fire.
Flash Points:	>93°C
Specific hazards arising from the chemical:	Combustion or thermal decomposition will evolve toxic and irritant vapors. Carbon monoxide, carbon dioxide, and zinc oxides. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Wear protective gloves/eye protection. Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.
Methods and material for containment and cleaning up:	Contain spillages with sand, earth, or any suitable adsorbent material. Collect spillage. Transfer to a container for disposal or recovery.

7 HANDLING & STORAGE

Precautions for safe handling:	Wear protective gloves/eye protection/face protection. Avoid breathing mist/vapors/spray. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities:	Store in cool, dry well-ventilated area. Keep container tightly closed. Protect from sunlight. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
DeoConcentrate Personal Care	Not established		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes:	Chemical safety glasses with side shields should be worn.
Inhalation:	In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.
Body:	Gloves (butyl rubber, neoprene, or natural rubber). Check with protective equipment manufacturer's data. Suitable protective clothing should be worn.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear yellow - amber liquid	**Vapor Pressure:**	No data available
Odor:	No data available	**Vapor Density (Air = 1):**	Heavier than air
Odor Threshold:	No data available	**Evaporation Rate:**	Slower than water
Color:	Yellow - amber	**Flammability:**	No data available
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	Ca. 9	**Flash Point:**	>93°C
Boiling Point:	No data available	**Specific Gravity:**	No data available
Melting Point:	No data available	**Solubility in Water:**	Dispersible
Relative Density:	Ca. 1.02 g/mL	**Auto-Ignition Temperature:**	No data available
Partition Coefficient: n-	No data available	**Decomposition Temperature:**	No data available

octanol/water:			
Viscosity:	No data available	**Explosive Properties:**	Not explosive
Oxidizing Properties:	Not oxidizing	**Freezing Point:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable.
Hazardous Polymerization:	None anticipated.
Conditions to Avoid:	Avoid contact with heat and ignition sources.
Incompatible Materials:	Strong oxidizing agents or Reducing agents.
Hazardous Decomposition Products:	Combustion or thermal decomposition will evolve toxic and irritant vapors. Forms: oxides of carbon, nitrogen, zinc, and sulfur.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	Causes skin irritation.
Eyes:	Causes serious eye damage.
Respiratory:	LC50: 1.1-5.4 mg/L (4h, aerosol) (diluted with water)
Ingestion:	LD50: >5000 mg/kg bw
Carcinogenicity:	Not listed as carcinogen by NTP, IARC, ACGIH, or OSHA.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	Causes serious eye damage. Causes skin irritation. <30% solutions causes serious eye irritation.
Sensitization:	Not a skin sensitizer.
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12 ECOLOGICAL INFORMATION

Ecotoxicity	
Aquatic Vertebrate:	LC50: 107 mg/L (Fish) (96h)
Aquatic Invertebrate:	EC50: 29.7 mg/L (Daphnia magna) (48h)
Terrestrial:	No data available
Persistence and Degradability:	Readily biodegradable.
Bioaccumulative Potential:	No data available
Mobility in Soil:	No data available
PBT and vPvB Assessment:	Not classified as PBT or vPvB.
Other Adverse Effects:	None known.

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not classified as dangerous for transport.
TDG (Transportation of Dangerous Goods, Canada):	Not classified as dangerous for transport.

IMDG (International Maritime Dangerous Goods):	Not classified as dangerous for transport.
IATA (International Air Transport Association):	Not classified as dangerous for transport.
ICAO (International Civil Aviation Organization):	Not classified as dangerous for transport.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components listed or polymer exempt.
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available
Japanese MITI:	No data available
Philippines PICCS:	No data available
Korea KECL:	No data available
Designated Hazardous Substances and RQs:	40 CFR 302.4: Zinc compounds (typical wt% ~20%) no RQ assigned.
SARA 311/312 Hazard Categories:	Fire – No Sudden Release - No Reactivity – No Immediate (acute) – Yes Chronic (delated) - No
SARA 313 Toxic Chemicals	40 CFR 372: Zinc compounds (typical wt% ~20%)
SARA 302 Extremely Hazardous Substances:	40 CFR 355: None
California Prop 65:	No substances known by the state of California to cause cancer/reproductive harm.

16 OTHER INFORMATION

Revision Date:	06-May-2021
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness & completeness of such information for his own particular use.