

Carrot Cells


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

Revision Date: 03-Dec-2024
Supersedes: 29-Jul-2022

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Carrot Cells	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Water, Daucus Carota Sativa (Carrot) Root Extract, Phenoxyethanol	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7732-18-5, 84929-61-3, 122-99-6	Web:	www.makingcosmetics.com
Formula:	No data available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Liquid		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

Classification:	Serious eye damage/eye irritation, Category 2												
Signal Word:	WARNING!												
Hazard Pictograms:													
Hazard Statements:	H319 - Causes serious eye irritation.												
Precautionary Statements:	P280: Wear protective gloves, protective clothing, eye protection, face protection. P337 + P313: If eye irritation persists: Get medical advice/attention.												
Potential Health Hazards:	Eyes: Causes serious eye irritation. Inhalation: May be an irritant. Skin: May be an irritant. Ingestion: May cause nausea, vomiting, and diarrhea.												
NFPA Ratings (704):	<table border="1"> <tr> <td>Health</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Flammability</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Reactivity</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>Specific Hazard</td> <td>N/A</td> <td></td> </tr> </table>	Health	N/A	N/A	Flammability	N/A	N/A	Reactivity	N/A	N/A	Specific Hazard	N/A	
Health	N/A	N/A											
Flammability	N/A	N/A											
Reactivity	N/A	N/A											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Water	7732-18-5	≥75%	Not Available
Daucus Carota Sativa (Carrot) Root Extract	84929-61-3	10 - 25%	Not Available
Phenoxyethanol	122-99-6	1 - 5%	Not Available
Xanthan Gum	11138-66-2	0.1 - 1%	Not Available
Ethylhexylglycerin	70445-33-9	0.1 - 1%	Not Available
Sorbic Acid	110-44-1	0.1 - 1%	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. Treat symptomatically.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. Treat symptomatically.
Skin:	Wash skin with plenty of water. Treat symptomatically.
Ingestion:	Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell. Treat symptomatically.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	May be combustible at high temperatures. Use appropriate media (water spray, dry powder, foam, carbon dioxide) for surrounding environment and adjacent fire. No unsuitable extinguishing media listed.
Special protective equipment & precautions for firefighters:	Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points:	No data available.
Specific hazards arising from the chemical:	Hazardous decomposition products in case of fire may cause toxic fumes to be released. See also Stability and reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	Ventilate spillage area. Avoid contact with skin and eyes. 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/environment. Notify environmental authorities in case of leak.
Methods and material for containment and cleaning up:	Take up liquid spill into absorbent material. Dispose of materials or solid residues at an authorized site. Dispose of absorbed material in accordance with the regulations.

7 HANDLING & STORAGE

Precautions for safe handling:	Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.
Conditions for safe storage, incl. any incompatibilities:	Store in a well-ventilated place. Keep cool. Store away from incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Carrot Cells	Not available		

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:	Wear safety glasses.
Inhalation:	Ensure good ventilation of the work station. In case of insufficient ventilation, wear suitable respiratory equipment.
Body:	Wear suitable gloves and full suitable protective clothing.
Other:	Use good personal hygiene practices. Avoid release to the environment. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Vapor Pressure at 20°C:	23 mbar Read-across (Water)
Odor:	Characteristic	Vapor Density:	No data available
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Orange	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	4 - 5.5	Flash Point:	No data available
Boiling Point:	>212°F (>100°C) (Water)	Specific Gravity:	No data available
Melting/Freezing Point:	No data available	Water Solubility:	Soluble
Relative Density:	No data available	Auto-Ignition Temperature:	No data available
Partition Coefficient: n-	No data available	Decomposition Temperature:	No data available

octanol/water:

Viscosity, Kinematic:

17.117 mm²/s(Phenoxyethanol)

Explosive Properties:

No data available

Oxidizing Properties:

No data available

Particle Characteristics:

Not applicable

10 STABILITY AND REACTIVITY

Reactivity:

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

Chemical Stability:

Stable under normal conditions.

Hazardous Polymerization:

No data available.

Conditions to Avoid:

None under recommended storage and handling conditions (see section 7).

Incompatible Materials:

No data available.

Hazardous Decomposition Products:

Upon burning, release of carbon monoxide - carbon dioxide. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Possible Hazardous Reactions:

No dangerous reactions known under normal conditions of use.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Not classified for oral, dermal, or inhalation acute toxicity (Based on available data, the classification criteria are not met).

Skin:

Phenoxyethanol:

(Rat, Dermal) LD50: 14391 mg/kg bodyweight Source: <http://echa.europa.eu/> (OECD 402).

Ethylhexylglycerin:

(Rabbit, Dermal) LD50: > 2214 mg/kg bodyweight Source: <http://echa.europa.eu/>

Sorbic Acid:

(Rat, Dermal) LD50: > 2000 mg/kg bodyweight; Source: <http://echa.europa.eu/> (OECD 402).

(Rat, Dermal) LD50: > 2000 mg/kg; Source: <http://echa.europa.eu/> (OECD 402).

Eyes:

Slightly irritant to eyes.

Inhalation:

Phenoxyethanol:

(Rat, Inhalation) LC50: > 1000 mg/m³ Source: <http://echa.europa.eu/>; > 6hours (OCDE 412).

(Rat, Inhalation (Dust Mist)) LC50: > 1000 mg/l/4 hours; Source: <http://echa.europa.eu> (OECD 403).

Ethylhexylglycerin:

(Rat, Inhalation (Vapors)) LC50: 3.07 mg/l/4 hours; Source: <http://echa.europa.eu/> (OECD 403).

Ingestion:

Carrot Cells:

(Rat, Oral) LD50: >5000 mg/kg (OECD 401); Results obtained on a similar product.

Phenoxyethanol:

(Rat, Oral) LD50: 1840 - 4070 mg/kg; Source: <http://echa.europa.eu/> (OECD 401).

Xanthan gum:

(Rat, Oral) LD50: 45000 mg/kg. (Oral) LD50: 20000 mg/kg mouse.

Ethylhexylglycerin:

(Rat, Oral) LD50: > 2000 mg/kg bodyweight; Source: <http://echa.europa.eu> (OECD 401).

Sorbic Acid:

(Rat, Oral) LD50: 3200 - 10500 mg/kg; Source: <http://echa.europa.eu/> (OECD 401).

Carcinogenicity:

Not classified (The data is based on the toxicological properties of the components of the product).

Phenoxyethanol:

NOAEL (chronic, oral, animal/male/female, 2 years) 468 mg/kg bodyweight (OECD 451).

Teratogenicity:

No data available.

Germ Cell Mutagenicity:

Not classified.

Embryotoxicity:

No data available.

Specific Target Organ Toxicity:

Not classified for single or repeated exposure.

Reproductive Toxicity:

Not classified.

Respiratory/Skin Sensitization:

Not classified.

Skin Corrosion/Irritation:

Not classified (Based on available data, the classification criteria are not met).

Aspiration Hazard:

Not classified.

Additional Information:

Results obtained from a similar product, with a different preservative system.

12 ECOLOGICAL INFORMATION

Ecotoxicity:

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Aquatic Vertebrate:

Phenoxyethanol:

(Pimephales promelas) LC50: ≈ 344 mg/l Source: <http://echa.europa.eu/> (OECD 203).

(Pimephales promelas) NOEC Chronic: 24 mg/l; 34 days (OECD 210).

Xanthan Gum:

(Rainbow Trout) LC50: 420 mg/l Oncorhynchus mykiss.

Ethylhexylglycerin:

(Danio rerio) 60.2 mg/l (OECD 203).

(Danio rerio) NOEC chronic: 1.5 ml/l; Mortality and weight; 35 days (OECD 210).

Sorbic acid:	(Oryzias latipes) LC50: 75 mg/l.
Aquatic Invertebrate:	
Phenoxyethanol:	(Daphnia magna) EC50: > 500 mg/l Source: http://echa.europa.eu/ (OECD 202). (Daphnia magna) NOEC chronic: 9.43 mg/l; 24 days (OECD 211).
Ethylhexylglycerin:	(Daphnia magna) 78.3 mg/l (OECD 202). (Daphnia magna) LOEC chronic: 40 mg/l; 21 days.
Sorbic acid:	(Daphnia magna) NOEC chronic: 20 mg/l; Reproduction and immobilization (OECD 211). (Daphnia magna) EC50: 70 mg/l (OECD 202). (Daphnia magna) NOEC Chronic: 50 mg/l Source: http://echa.europa.eu/ (OECD 211).
Algae:	
Phenoxyethanol:	(Desmodesmus subspicatus) EC50: 625 mg/l; 72 hours; Source: http://echa.europa.eu/ (OECD 201). (Desmodesmus Subspicatus) ErC50: 625 mg/l; 72 hours; Source: http://echa.europa.eu/
Ethylhexylglycerin:	(Desmodesmus subspicatus) 48.3 mg/l (OECD 201).
Sorbic acid:	(Scenedesmus subspicatus) EC50: 24.1 mg/l; 72 hours; Biomass (OECD 201). (Scenedesmus subspicatus) EC50: 41.9 mg/l; 72 hours; Growth rate, (OECD 201).
Persistence and Degradability:	Potentially biodegradable.
Bioaccumulative Potential:	Accumulation in organisms is not to be expected.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	Contains no PBT/vPvB substances \geq 0.1% assessed in accordance with REACH Annex XIII.
Other Adverse Effects:	No data available.
Additional Information:	The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).

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.
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):	No data available.
TDG (Transportation of Dangerous Goods, Canada):	No data available.
IMDG (International Maritime Dangerous Goods):	Not regulated.
IATA (International Air Transport Association):	Not regulated.
ICAO (International Civil Aviation Organization):	Not regulated.
ADR/RID (Road and Rail Transportation):	Not regulated.

15 REGULATORY INFORMATION

TSCA Inventory Status:	No data available.
REACH Annex XVII:	Contains no REACH substances with Annex XVII restrictions list.
REACH Annex XIV:	Contains no REACH Annex XIV authorization list substances.
REACH (SVHC):	Contains no substance on the REACH candidate list.
Prior Informed Consent (PIC) Regulation:	Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Persistent Organic Pollutants (POP) Regulation:	Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.
Ozone Regulation:	Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.
Explosives Precursors Regulation:	Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.
Drug Precursor Regulation:	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors).

Chemical Safety Assessment: A chemical safety assessment has been carried out for sorbic acid.

16 OTHER INFORMATION

Additional Abbreviations:	EC-No: European Community number. EC50: Median effective concentration. LC50: Median lethal concentration. LD50: Median lethal dose. NOAEC: No-Observed Adverse Effect Concentration. NOAEL: No-Observed Adverse Effect Level. NOEC: No-Observed Effect Concentration. OECD: Organization for Economic Co-operation and Development.
Revision Date:	03-Dec-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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