GelMaker® NAT

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

Revision Date: 09-20-2018
Supersedes: None

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: GelMaker® NAT
Synonyms: Not available
INCI Name: Sodium acrylate/sodium acryloyldimethyl taurate copolymer, C15-19 alkane, polyglyceryl-6 laurate, polyglycerin-6
CAS Number: 64741-76-0, 51033-38-6, 36675-34-0
Formula: Not 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: Not classified
GHS Labeling: Not classified
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: No known significant effects or hazards.
Inhalation: No known significant effects or hazards.
Skin: No known significant effects or hazards.
Ingestion: No known significant effects or hazards.

NFPA Ratings (704):

Health	0
Flammability	1
Reactivity	0
Specific Hazard	n/a

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Renewable hydrocarbons, C15-16, branched alkanes	942-444-6	20-40%	N/A
1,2,3-Propanediol, oligomer-6, duodecanoate	-	5-10%	N/A

4 FIRST AID MEASURES

Eyes: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if irritation persists.
Inhalation: Remove to fresh air. Seek medical attention if necessary.
Skin: Wash skin with soap and water. Seek medical attention if symptoms occur.
Ingestion: Seek medical attention if symptoms occur.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: Dry chemical, foam, halon, CO2, water spray. Fight larger fires with water spray or alcohol resistant foam.
Special protective equipment & precautions for firefighters: Firefighters should wear full protective clothing including self-contained breathing apparatus.
Flash Points: 100°C/212°F
Specific hazards arising from the decomposition of chemical: Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, metal oxide/oxides

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures:	See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions:	Prevent entry into waterways, sewers, basements or confined areas.
Methods and material for containment and cleaning up:	Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels. “Oil dry”, sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery surface.

7 HANDLING & STORAGE

Precautions for safe handling:	Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes.
Conditions for safe storage, incl. any incompatibilities:	Store in closed containers at a cool place protected from humidity. Keep away from oxidizing agents, excessive heat, and frost. Store and use in well ventilated areas. Do not store or use near heat, spark, or flame; also store out of sun. Do not puncture, drag, or slide this container. Drum is not pressure vessel; never use pressure to empty.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Renewable hydrocarbons, C15-16, branched alkanes	TWA: 5mg/m^3 8 hours. Form: inhalable fraction		ACGIH TLV (US, 3/2015)
	TWA: 5mg/m^3 10 hours. Form: Mist STEL: 10mg/m^3 15min. Form: Mist		NIOSH REL (US, 10/2015)
	TWA: 5mg/m^3 8 hours.		OSHA PEL (US, 2/2013)

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:	Safety glasses, goggles, or face shield recommended for eye protection.
Inhalation:	Appropriate NIOSH approved respiratory protection may be worn.
Body:	Gloves and protective clothing should be worn to prevent prolonged skin contact.
Other:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. Good general ventilation should be sufficient to control worker exposure to airborne contaminate.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Liquid emulsion	**Vapor Pressure:**	Not available
Odor:	Faint	**Viscosity, Dynamic at 25oC:**	1000-4500mPas
Taste:	Not available	**Evaporation Rate:**	Not available
Color:	Translucent, opaque, white-yellow	**Flammability:**	Not available
Molecular Weight:	Not available	**Upper/lower Explosive Limit:**	Not available
pH (2% water)	5-7	**Solubility:**	Dispersible in cold water
Boiling Point:	>100˚C (>212˚F)	**Flash Point (Closed cup)**	>100˚C (>212˚F)
Melting Point:	Not available	**Density:**	1.125 g/cm^3

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under normal conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Excessive heat.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide, nitrogen oxides, sulfur oxides, metal oxide/oxides

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not classified as dangerous
Skin:	Not classified
Eyes:	Not classified
Respiratory:	Mild irritant
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Mutagenicity:	Renewable hydrocarbons, C15-16, branched alkanes: Test: OCDE 471 (read across), experiment in vitro (bacteria): negative results Renewable hydrocarbons, C15-16, branched alkanes: Test: OCDE 474 (read across), experiment in vitro (mammalian-animal): negative results
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Renewable hydrocarbons, C15-16, branched alkanes: Test: OCDE 416 (read across), inhalation dose >1500ppm NOAEC: negative results (fertility, maternal toxicity, development toxin) Renewable hydrocarbons, C15-16, branched alkanes: Test: OCDE 421 (read across), oral dose >1000mg/kg bw/day NOAEL: negative results (fertility, maternal toxicity, development toxin)
Respiratory/Skin Sensitization:	Not available
Potential chronic health effects:	Renewable hydrocarbons, C15-16, branched alkanes: Test: OCDE 411 (read across), dose >495mg/kg bw/day systemic toxicity, 90 days: Subchronic NOAEC Dermal Renewable hydrocarbons, C15-16, branched alkanes: Test: OCDE 413 (read across), dose >10000mg/m^3 air, 90 days: Subchronic NOAEC Inhalation Vapor

12 ECOLOGICAL INFORMATION

Ecotoxicity

Product	Result	Test	Species	Exposure
Renewable hydrocarbons, C15-16, branched alkanes	Acute EC50 >3200 mg/l marine water	ISO 10253 (2006)	Algae - Skeletonema costatum	72 hours
	Acute LC50 >42000 mg/l marine water	ISO TC147/SC5/WG2	Crustaceans - Acartia tonsa	48 hours
	Acute LC50 >1028 mg/l marine water	OCDE 203	Fish - Scophthalmus maximus	96 hours
	Chronic NOEL > 1000 mg/l marine water	QSAR	Crustaceans - Daphnia magna	21 days
	Chronic NOEL > 1000 mg/l marine water	QSAR	Fish - Oncorhynchus mykiss	28 days
1,2,3-Propanediol, oligomer-6, dodecanoate	Acute EC50 71.4 mg/l	OCDE 202	Daphnia - Daphnia magna	48 hours

Persistence and Degradability:

Product	Test	Result	Dose	Inoculum
Renewable hydrocarbons, C15-16, branched alkanes	OCDE 306	80% - Readily - 28 days	1 mg/l	-
1,2,3-Propanediol, oligomer-6, dodecanoate	OCDE 301F	49.2% - Inherent - 28 days	100mg/l O.C.	Activated sludge
GelMaker NAT	OCDE 301B	45% - Inherent - 28 days	10-20mg/l O.C.	Activated sludge

Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

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 regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

Clean Air Act Sect. 112:	Listed
Clean Air Act Sect. 602, Class I/II	Not listed
DEA List I/II Chemicals	Not listed
SARA 304RQ / 311/312	No applicable

16 OTHER INFORMATION

Revision Date: 09-20-2018

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.