


SDS	SAFETY DATA SHEET				
Divine BTMS-50					
Version	01	Date of issue	06/27/2022	Page	1 of 6

1 - IDENTIFICATION

Product Name: Divine BTMS-50
Recommended Uses: Cosmetic additive
Manufacturer/Supplier: Divinity Cosmetic Supply
PO BOX 880474
Port Saint Lucie, Florida 34988
Phone Number: 772-228-0137
E-Mail: contact@divinitycosmeticsupply.com

2 - HAZARD IDENTIFICATION

Classification (GHS): Non hazardous
Physical: Not applicable
Health: Skin corrosion/irritation : Category 2
 Serious eye damage/irritation : Category 2A
 Chronic aquatic toxicity : Category 3.
Environmental:
Labeling (GHS):
Signal Word: Warning
Pictogram / Symbols:


Hazard Statements: H315 Causes skin irritation
 H319 Causes serious eye irritation
 H412 Harmful to aquatic life with long lasting effects

Safety Precautions: P264 Wash hands thoroughly after handling.
 P273 Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P321 Specific treatment.
 P332+P313 If skin irritation occurs: Get medical advice/attention.
 P337+P313 If eye irritation persists: Get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash before reuse.

Supplemental Hazard Information: None

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Mixture
Chemical Identity : Cationic surfactant. Quaternary ammonium compound.

CHEMICAL NAME	TRADE NAME & SYNONYMUS	CAS No.	CONTENT (%)
Behentrimonium methosulfate	Not available	81646-13-1	50
1-Hexanediol	Cetyl alcohol ; 1-Hexadecanol ; Palmitic alcohol ; Hexadecylalcohol ; 1-Cetanol ; Hexadecan-1-ol ; n-1-Hexadecanol ; n-Cetyl alcohol ; n-Hexadecanol ; Palmitic alcohol.	36653-82-4	40
1,3 Butanediol	Butane-1,3-diol ; Butanediol, 1,3- ; (RS)-1,3-Butanediol ; b-Butylene glycol; 1,3-Dihydroxybutane ; 1-Methyl-1,3-propanediol; 3-Hydroxy-1-butanol ; Butylene glycol; Methyltrimethylene glycol ; DL-1,3-Butanediol	107-88-0	10

SDS	SAFETY DATA SHEET				
Divine BTMS-50					
Version	01	Date of issue	06/27/2022	Page	2 of 6

4 - FIRST-AID MEASURES

Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing thoroughly before re-using. Go to the hospital immediately if symptoms(flare, irritate) occur. Wash thoroughly after handling.
Eye Contact:	Do not rub your eyes. Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician. Go to the hospital immediately if symptoms(flare, irritate) occur. Remove contact lenses if worn. Flush with plenty of water for at least 15 minutes, keeping eyelids open. If irritation occurs and persists, seek medical attention.
Ingestion:	Please be advised by doctor whether induction of vomit is demanded or not. Rinse your mouth with water immediately
Inhalation:	Take specific treatment if needed. When exposed to large amounts of steam and mist, move to fresh air.
Acute Effects:	None known
Delayed Effects:	None Known

5 - FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Avoid use of water jet for extinguishing . Use chemical dry chemical, carbon dioxide, regular foam extinguishing agent, spray
Fire Fighting Procedures:	As all fires involving chemicals use protection suit, suitable gloves, boots and self-contained breathing apparatus. Use self-contained breathing apparatus and full protective gear, if large quantities of product are involved. Thermal decomposition may produce toxic fumes : Hydrogen chloride, Nitrogen oxides (NOx). Causes serious eye irritation. Causes skin irritation
Specific Hazards in Case of Fire:	Avoid inhalation of materials or combustion by-products. Cool containers with water until well after fire is out.
Special Protective Actions for Fire-Fighters:	Do not approach the tank surrounded by fire until it is extinguished. In case of conflagration, use automatic fire sprinkler. Major fire may require withdrawal, allowing the object itself to burn. Keep unauthorized personnel out.

6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions and Emergency Procedures:	<ul style="list-style-type: none"> - Do not touch spilled material. Stop leak if you can do it without risk. - Handle the damaged containers or spilled material after wearing appropriate protective equipment - Move container to safe area from the leak area. - Must work against the wind, let the upwind people to evacuate. - Remove all sources of ignition.
Protective Equipment:	Use protective equipment suitable for the task: safety goggles, gloves and industrial uniform.
Environmental Precautions:	If large amounts have been spilled, inform the relevant authorities. Prevent runoff and contact with waterways, drains or sewers.
Methods and Materials for Containment and Cleaning Up:	<ul style="list-style-type: none"> - Appropriate container for disposal of spilled material collected. - Disposal of waste shall be in compliance with the Wastes Control Act. - Dust spills : Cover dust spills with plastic sheet or waterproof cloth to minimize spreading and avoid contact with water. - Large spill : Stay upwind and keep out of low areas. Dike for later disposal. - Notify the central and local government if the emission reach the standard threshold. <p>Follow local, state and federal regulation.</p>

SDS	SAFETY DATA SHEET				
Divine BTMS-50					
Version	01	Date of issue	06/27/2022	Page	3 of 6

7 - HANDLING AND STORAGE

Precautions for Safe Handling:

- Avoid contact with incompatible materials.
- Avoid direct physical contact.
- Comply with all applicable laws and regulations for handling
- Dealing only with a well-ventilated place.
- Do not handle until all safety precautions have been read and understood.

Conditions for Safe Storage:

- Avoid direct sunlight.
- Check regularly for leaks.
- Do not apply any physical shock to container.
- Do not apply direct heat.
- Do not use damaged containers.

Keep container tightly closed and in a well-ventilated place. Avoid prolonged exposure to heat and air. Do not handle or store near an open flame, heat or other sources of ignition.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:
Occupational Exposure Limits: None established by OSHA, ACGIH

Reference	TWA Value:	Unit:	STEL Value:	Unit	Additional Information

Biological Limits:

Reference:	Value:	Unit
Appropriate Engineering Controls:	Business owner is recommended to maintain below recommended exposure limits for the working place with general exhaust of gas/vapour/mist/fume.	
Individual Protection Measures and Personal Protective Equipment (PPE):		
Eye/Face Protection:	Wear safety goggles with side shields. Protect against dust and particulates. Provide an emergency eye wash station and quick drench shower in the immediate work area.	
Skin Protection:	Wear chemically resistant gloves. Wear appropriate chemical resistant protective clothing.	
Respiratory Protection:	Air-purifying respirator with high-efficiency particulate filtering. Any respiratory protection with a electromotion fan (for dust, mist, fume-purifying). Self-contained breathing apparatus with a corpuscle filter of high efficiency Under conditions of frequent use or heavy exposure, Respiratory protection may be needed	
Thermal Hazards:	Avoid High temperatures. Avoid prolonged exposure to heat and air. Do not handle or store near an open flame, heat or other sources of ignition.	

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid
Odor:	Not available
Color:	White to off-white
pH (2% soln @25°C):	5.0 – 7.0
Melting Point/Freezing Point :	65 -79 °C
Initial Boiling Point / Boiling Range:	Not applicable
Flash Point:	>93°C (open cup)
Evaporation Rate:	>1 (Air=1)
Flammability:	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not applicable
Vapour Pressure:	Not applicable

SDS	SAFETY DATA SHEET				
Divine BTMS-50					
Version	01	Date of issue	06/27/2022	Page	4 of 6

Vapour Density:	Not available
Relative Density:	0.87 at 70°C (water=1)
Solubility:	Dissolves in alcohol and warm water
Partition Coefficient: N-Octanol/Water:	Not applicable
Auto-Ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Viscosity:	Not applicable
Molecular weight:	476

10 - STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage and handling conditions.
Chemical Stability:	Stable in normal conditions.
Possibility of Hazardous Reactions:	Hazardous Polymerization will not occur.
Conditions to Avoid:	Accumulation of electrostatic charges, Heating, Flames and hot surfaces. Avoid contact with incompatible materials and condition.
Incompatible Materials:	Not available
Hazardous Decomposition Products:	May emit flammable vapour if involved in fire. Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 - TOXICOLOGICAL INFORMATION

Acute Toxicity:	<ul style="list-style-type: none"> * Oral - Product (ATEmix) : >5000mg/kg - [1-hexadecanol] : LD50 5000 mg/kg Rat - [1,3-Butanediol] : LD50 = 18610 mg/kg Rat (IUCLID; NLM) *Dermal - Product (ATEmix) : >5000mg/kg - [1-hexadecanol] : LD50 > 2600 mg/kg Rabbit - [1,3-Butanediol] : LD50 > 20000 mg/kg Rabbit (NLM, THOMSON) * Inhalation - Product (ATEmix) : Not available
Skin Corrosion/Irritation:	<ul style="list-style-type: none"> Cause skin irritation. Causes serious eye irritation.
Respiratory or Skin Sensitization:	There is not reference
Germ Cell Mutagenicity:	There is not reference
Carcinogenicity:	There is not reference
Reproductive Toxicity:	There is not reference
Specific Target Organ Toxicity Single Exposure:	There is not reference
Specific Target Organ Toxicity, Repeated Exposure :	There is not reference
Aspiration Hazard:	There is not reference
Routes of Exposure:	There is not reference
Signs and Symptoms Related to the Overexposure:	No reference
Delayed and Immediate Effects, Short/ Long Term Exposure:	No reference
Chronic Effects, Short/Long Term Exposure:	There is no reference
Interactive Effects:	There is no reference
Medical Conditions Aggravated By Exposure:	No reference

12 - ECOLOGICAL INFORMATION

Eco-Toxicity:	Fish
	<ul style="list-style-type: none"> - [1-hexadecanol] : LC50 0.005 mg/ℓ 96 hr (Estimate) - [1,3-Butanediol] : LC50 = 9493.724 mg/ℓ 96 hr (Estimate)

SDS	SAFETY DATA SHEET				
Divine BTMS-50					
Version	01	Date of issue	06/27/2022	Page	5 of 6

Persistence and Degradability:	Crustaceans - [1,3-Butanediol] : LC50 = 8684.336 mg/ℓ 48 hr (Estimate) Algae - [1-hexadecanol] : EC50 676 mg/ℓ 96 hr (IUCLID) - [1,3-Butanediol] : EC50 = 4758.681 mg/ℓ 96 hr (Estimate) Persistence - [1-hexadecanol] : log Kow 6.65 (IUCLID) - [1,3-Butanediol] : log Kow -0.29 (Estimate) (ChemIDplus) Degradability - Not available
Bio-Accumulative Potential:	Biodegradation - [1-hexadecanol] : 76 (%) 28 day (IUCLID)
Mobility In Soil:	Mobility in soil - [1-hexadecanol] : Koc 25000 (NLM/HSDB)
Other Adverse Effects:	No reference

13 - DISPOSAL CONSIDERATIONS

Disposal methods:	- It shall be treated by incineration. - Oil water separation technology shall be applied as pre-waste treatment if it is applicable. - Stabilization and minimization treatment by incineration or similar method can be applied, if more than two kinds of designated wastes are in mixture state and it is impractical to separate them. - Dispose of waste in accordance with all applicable laws and regulations.
Recommended European Waste Code:	Packaging can not be reused. Plastic material should be recycled or incinerated.

Note: The user's attention is drawn to the possible existence of specific national or local regulations regarding disposal

14 - TRANSPORT INFORMATION

UN Number:	No classified as hazardous for transportation
UN Proper Shipping Name:	No classified as hazardous for transportation
Transport Hazard Class(es):	No classified as hazardous for transportation
Packing Group:	No applicable
Labels Required:	No applicable
Land Transport ADR/RID:	No regulated
Maritime Transport IMDG:	No regulated
Air Transport IATA:	No regulated

15 - REGULATORY INFORMATION

Symbols and indications of danger:	Product is not classified as hazardous material by legislation of hazardous products.
R phrases:	R36: Irritating to eyes. R38: Irritating to skin.
S phrases:	S24: Avoid contact with skin S25: Avoid contact with eyes. S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Inventory Status:	Not applicable

SDS	SAFETY DATA SHEET				
Divine BTMS-50					
Version	01	Date of issue	06/27/2022	Page	6 of 6

16 - OTHER INFORMATION

National Fire Protection Association (NFPA) Ratings:

(This information is intended solely for the use of individuals trained in the NFPA system.)



Health: 1
 Flammability: 0
 Reactivity: 0

Disclaimer: *The information supplied on this Safety Data Sheet complies with our current level of knowledge at the updating day and it is given in good faith. This SDS is complementary to the technical usage documents but does not replace them. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The properties and details included in this SDS only describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product. The product must not be used for purposes different from those mentioned in chapter 1.*