



SAFETY DATA SHEET

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NGHS / English



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1. IDENTIFICATION

Product identifier

Product Name Equate 2Z1 Absolute Moisture-Cocoa Butter Lotion

Other means of identification

Product Code(s) 1499344_WM

Recommended use of the chemical and restrictions on use

Recommended Use Body Lotion/ Hand Cream

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Identification Vi-Jon Inc.

Address 8515 Page Avenue
Saint Louis
MO
63114
US

Telephone Phone:3144271000
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E-mail jstilts@vijon.com

Emergency telephone number

Company Emergency Phone Number 18004249300

2. HAZARDS IDENTIFICATION

Classification

Not classified.



The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Opaque

Physical state Viscous liquid Liquid

Odor Sweet

GHS Label elements, including precautionary statements

Hazard statements

Not classified.

Other information

Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Unknown acute toxicity 22.04188 % of the mixture consists of ingredient(s) of unknown toxicity

12.07188 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

19.04188 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity

22.04188 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)

22.04188 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)

22.04188 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Water, distilled, conductivity or of similar purity	7732-18-5	74.25255	-	-
Petrolatum (USP Grade)	8009-03-8	5.99988	-	-
Glycerin	56-81-5	5.97	-	-
Stearic acid	57-11-4	3	-	-
Isopropyl palmitate	142-91-6	1.4	-	-
Glycol stearate	111-60-4	1.372	-	-
Dimethicone	63148-62-9	1.3	-	-
Theobroma cacao butter	8002-31-1	1	-	-
Glyceryl stearate	123-94-4	1	-	-
Cetyl alcohol	36653-82-4	1	-	-
Shea butter	194043-92-0	0.99999	-	-
Triethanolamine	102-71-6	0.9481	-	-
Benzyl alcohol	100-51-6	0.5	-	-
Fragrance (Irritating to eyes)	FRAGRANCE	0.4	-	-
Chlorphenesin	104-29-0	0.3	-	-
Titanium dioxide	13463-67-7	0.2036	-	-

Carbomer	9003-01-4	0.15	-	-
Argilla	12199-37-0	0.1128	-	-
Caramel	8028-89-5	0.04	-	-
Stearamide amp	36284-86-3	0.028	-	-
Disodium EDTA	139-33-3	0.0195	-	-
Glycolic acid, sodium salt	2836-32-0	0.0015	-	-
Diethanolamine	111-42-2	0.00095	-	-
Trisodium nta	5064-31-3	0.0005	-	-
Sodium hydroxide	1310-73-2	0.0005	-	-
BHT	128-37-0	0.00012	-	-
Citric acid	77-92-9	0.00001	-	-

4. FIRST AID MEASURES

First aid measures

Inhalation	Remove to fresh air.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Large Fire	CAUTION: Use of water spray when fighting fire may be inefficient.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	No information available.
Hazardous Combustion Products	Carbon oxides.
Explosion Data	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
Special protective equipment for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with eyes.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	
Stearic acid 57-11-4	TWA: 10 mg/m ³ inhalable particulate matter TWA: 3 mg/m ³ respirable particulate matter	-	
Glycol stearate 111-60-4	TWA: 10 mg/m ³ except stearates of toxic metals	-	
Glyceryl stearate 123-94-4	TWA: 10 mg/m ³	-	
Triethanolamine 102-71-6	TWA: 5 mg/m ³	-	
Titanium dioxide 13463-67-7	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Diethanolamine	TWA: 1 mg/m ³ inhalable	(vacated) TWA: 3 ppm	TWA: 3 ppm

111-42-2	fraction and vapor S*		(vacated) TWA: 15 mg/m³	TWA: 15 mg/m³
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m³		TWA: 2 mg/m³ (vacated) Ceiling: 2 mg/m³	IDLH: 10 mg/m³ Ceiling: 2 mg/m³
BHT 128-37-0	TWA: 2 mg/m³ inhalable fraction and vapor		(vacated) TWA: 10 mg/m³	TWA: 10 mg/m³
Chemical name	Alberta	British Columbia	Ontario TWAEV	Quebec
Glycerin 56-81-5	TWA: 10 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³		TWA: 10 mg/m³
Glycol stearate 111-60-4	TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³	
Glyceryl stearate 123-94-4	TWA: 10 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³	
Triethanolamine 102-71-6	TWA: 5 mg/m³	TWA: 5 mg/m³	TWA: 0.5 ppm TWA: 3.1 mg/m³	TWA: 5 mg/m³
Titanium dioxide 13463-67-7	TWA: 10 mg/m³	TWA: 10 mg/m³ TWA: 3 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³
Diethanolamine 111-42-2	TWA: 2 mg/m³ Skin	TWA: 2 mg/m³ Skin	TWA: 1 mg/m³ Skin	TWA: 3 ppm TWA: 13 mg/m³ Skin
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m³	Ceiling: 2 mg/m³	CEV: 2 mg/m³	Ceiling: 2 mg/m³
BHT 128-37-0	TWA: 10 mg/m³	TWA: 2 mg/m³	TWA: 2 mg/m³	STEL: 10 mg/m³

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering controls

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection

No special protective equipment required.

Skin and body protection

No special protective equipment required.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical state Viscous liquid; Liquid
Appearance Opaque
Odor Sweet
Color No information available
Odor Threshold No data available

Property	Values	Remarks	Method
pH	7.6		
Melting / freezing point	No data available	None known	



Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative density	1.00	
Water Solubility	Miscible in water	
Solubility(ies)	No data available	None known
Partition coefficient: n-octanol/water	0	
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other Information

Explosive properties	No information available
Oxidizing properties	No information available
Softening Point	No information available
Molecular Weight	No information available
VOC Content (%)	No information available
Liquid Density	No information available
Bulk Density	No information available
Particle Size	No information available
Particle Size Distribution	No information available

10. STABILITY AND REACTIVITY

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous Decomposition Products	Carbon oxides.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.

Ingestion

Specific test data for the substance or mixture is not available.

Information on toxicological effects

Symptoms

No information available.

Numerical measures of toxicity

Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 78,090.10 mg/kg

Unknown acute toxicity 22.04188 % of the mixture consists of ingredient(s) of unknown toxicity

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22.04188 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water, distilled, conductivity or of similar purity	> 90 mL/kg (Rat)	-	-
Petrolatum (USP Grade)	-	-	-
Glycerin	= 12600 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 570 mg/m ³ (Rat) 1 h
Stearic acid	= 4600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Isopropyl palmitate	> 5 g/kg (Rat)	> 5 g/kg (Rabbit)	-
Glycol stearate	> 5000 mg/kg (Rat)	-	-
Dimethicone	> 17 g/kg (Rat) > 24 g/kg (Rat)	> 2 g/kg (Rabbit)	-
Cetyl alcohol	> 5 g/kg (Rat)	> 2600 mg/kg (Rabbit)	-
Triethanolamine	= 4190 mg/kg (Rat)	> 20000 mg/kg (Rabbit) > 16 mL/kg (Rat)	-
Benzyl alcohol	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
Titanium dioxide	> 10000 mg/kg (Rat)	-	-
Carbomer	= 2500 mg/kg (Rat)	-	= 1.71 mg/L (Rat) 4 h
Sodium EDTA	= 2 g/kg (Rat)	-	-
Glycolic acid, sodium salt	= 7110 mg/kg (Rat)	-	-
Diethanolamine	= 620 µL/kg (Rat) = 780 mg/kg (Rat)	= 11.9 mL/kg (Rabbit) = 7640 µL/kg (Rabbit)	-
Trisodium nta	= 1100 mg/kg (Rat)	-	> 5 mg/L (Rat) 4 h
Sodium hydroxide	140 - 340 mg/kg (Rat)	= 1350 mg/kg (Rabbit)	-
BHT	> 2930 mg/kg (Rat)	> 2000 mg/kg (Rat)	-
Citric acid	= 3 g/kg (Rat) = 3000 mg/kg (Rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation

No information available.

Serious eye damage/eye irritation

No information available.

Respiratory or skin sensitization

No information available.

Germ cell mutagenicity

No information available.

Carcinogenicity Classification based on data available for ingredients. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	-	Group 3	-	-
Titanium dioxide 13463-67-7	-	Group 2B	-	X
Carbomer 9003-01-4	-	Group 3	-	-
Diethanolamine 111-42-2	A3	Group 2B	-	X
Trisodium nta 5064-31-3	-	Group 2B	-	X
BHT 128-37-0	-	Group 3	-	-

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life. Toxic to aquatic life with long lasting effects.

Chemical name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Glycerin	-	96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)	-	24h EC50: > 500 mg/L
Triethanolamine	96h EC50: = 169 mg/L (Desmodesmus subspicatus) 72h EC50: = 216 mg/L (Desmodesmus subspicatus)	96h LC50: 450 - 1000 mg/L (Lepomis macrochirus) 96h LC50: > 1000 mg/L (Pimephales promelas) 96h LC50: 10600 - 13000 mg/L (Pimephales promelas)	-	24h EC50: = 1386 mg/L
Benzyl alcohol	3h EC50: = 35 mg/L (Anabaena variabilis)	96h LC50: = 10 mg/L (Lepomis macrochirus) 96h LC50: = 460 mg/L (Pimephales promelas)	EC50 = 50 mg/L 5 min EC50 = 63.7 mg/L 15 min EC50 = 63.7 mg/L 5 min EC50 = 71.4 mg/L 30 min	48h EC50: = 23 mg/L
Carbomer	-	96h LC50: = 580 mg/L	-	96h EC50: = 168 mg/L



		(Lepomis macrochirus)		
Disodium EDTA	-	96h LC50: = 320 mg/L (Poecilia reticulata)	-	-
Diethanolamine	72h EC50: = 7.8 mg/L (Desmodesmus subspicatus) 96h EC50: 2.1 - 2.3 mg/L (Pseudokirchneriella subcapitata)	96h LC50: 1200 - 1580 mg/L (Pimephales promelas) 96h LC50: 600 - 1000 mg/L (Lepomis macrochirus) 96h LC50: 4460 - 4980 mg/L (Pimephales promelas)	-	48h EC50: = 55 mg/L
Trisodium nta	96h EC50: 560 - 1000 mg/L (Chlorella vulgaris)	96h LC50: 560 - 1000 mg/L (Oryzias latipes) 96h LC50: 72 - 133 mg/L (Oncorhynchus mykiss) 96h LC50: = 114 mg/L (Pimephales promelas) 96h LC50: 175 - 225 mg/L (Lepomis macrochirus) 96h LC50: 560 - 1000 mg/L (Poecilia reticulata) 96h LC50: 93 - 170 mg/L (Pimephales promelas) 96h LC50: = 470 mg/L (Pimephales promelas) 96h LC50: = 252 mg/L (Lepomis macrochirus)	EC50 3200 - 5600 mg/L 8 h	48h LC50: 560 - 1000 mg/L
Sodium hydroxide	-	96h LC50: = 45.4 mg/L (Oncorhynchus mykiss)	-	-
BHT	72h EC50: = 6 mg/L (Pseudokirchneriella subcapitata) 72h EC50: > 0.42 mg/L (Desmodesmus subspicatus)	48h LC50: = 5 mg/L (Oryzias latipes)	EC50 = 7.82 mg/L 5 min EC50 = 8.57 mg/L 15 min EC50 = 8.98 mg/L 30 min	-
Citric acid	-	96h LC50: = 1516 mg/L (Lepomis macrochirus)	-	72h EC50: = 120 mg/L

Persistence and Degradability No information available.

Bioaccumulation

Component Information

Chemical name	Log Pow
Glycerin	-1.76
Cetyl alcohol	6.65
Triethanolamine	-2.53
Benzyl alcohol	1.1
Diethanolamine	-2.18
BHT	4.17
Citric acid	-1.72

Mobility No information available.

Other adverse effects No information available.



13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

California Waste Codes 331

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste
Sodium hydroxide 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name
Hazard Class

NOT REGULATED
NON-REGULATED
N/A

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA
Proper Shipping Name
Hazard Class

Not regulated
NON REGULATED
N/A

IMDG/IMO
Hazard Class

Not regulated
N/A

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

International Regulations

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable



International Inventories

TSCA	Contact supplier for inventory compliance status.
DSL/NDL	Contact supplier for inventory compliance status.
EINECS/ELINCS	Contact supplier for inventory compliance status.
ENCS	Contact supplier for inventory compliance status.
KECL	Contact supplier for inventory compliance status.
PICCS	Contact supplier for inventory compliance status.
AICS	Contact supplier for inventory compliance status.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	CAS No.	Weight-%	SARA 313 - Threshold Values %
Diethanolamine - 111-42-2	111-42-2	0.00095	1.0

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Carbomer 9003-01-4		X		
Sodium hydroxide 1310-73-2	1000 lb			X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Diethanolamine 111-42-2	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ
Citric acid 77-92-9			RQ Section number 180.950

US State Regulations



California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen
Diethanolamine - 111-42-2	carcinogen, 6/22/2012

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations.

Chemical name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Glycerin 56-81-5	X	X	X	X	
Dimethicone 63148-62-9	X				
Triethanolamine 102-71-6	X	X	X		
Benzyl alcohol 100-51-6		X	X		
Titanium dioxide 13463-67-7	X	X	X		
Carbomer 9003-01-4	X				
Diethanolamine 111-42-2	X	X	X	X	X
Trisodium nta 5064-31-3		X			X
Sodium hydroxide 1310-73-2	X	X	X	X	
BHT 128-37-0	X	X	X		

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties -
HMIS	Health hazards 1	Flammability 0	Physical hazards 0	Personal Protection X

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Revision Note No information available

Disclaimer

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End of Safety Data Sheet