

Issue Date: 30/07/2018
Last Revision Date: 08/08/2023
Superseded Date: 10/08/2021
Version Number: 03

SAFETY DATA SHEET



HEALTH	1
FIRE	2
REACTIVITY	0
PERSONAL PROTECTION	0

Product Code: COSGSOAP160Z

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SECTION 1 PRODUCT IDENTIFICATION

Product identifier

Product Name: Cosco Tincture of Green Soap

Relevant identified uses of the substance or mixture and uses advised against

Ethanol-based Liquid Detergent and Cleaner for Cleansing Skin and Scalp.

Product Description: An all natural soap made from pure vegetable oils and glycerine.

Application Of The Substance / The Mixture: Industry specific application.

SECTION 2 HAZARD IDENTIFICATION

Classification Of The Substance Or Mixture

Flam. Liq. 3 H226 Flammable liquid and vapor.
STOT SE 3 H335 May cause respiratory irritation.
Eye Irrit. 2B H320 Causes eye irritation.

Label Elements

GHS Label Elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms



Flame



Exclamation Mark

Signal word: Warning

Hazard-Determining Components Of Labeling: Potassium salt of fatty acid
Ethyl alcohol

Hazard Statements: Flammable liquid and vapor.
Causes eye irritation.
May cause respiratory irritation.

Precautionary Statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves / eye protection / face protection.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash thoroughly after handling.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

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Precautionary Statements:

Continue rinsing.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use for extinction: CO2, powder or water spray.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.





Hazard(s) Not Otherwise Classified (HNOC): None known

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

7732-18-5	Water, distilled water, deionized water	Proprietary%
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Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

CAS: 67701-09-1	Potassium salt of fatty acid	Proprietary%
	 Eye Dam. 1, H318;	
	 Skin Irrit. 2, H315	
CAS: 64-17-5 RTECS: KQ 6300000	Ethyl alcohol	Proprietary%
	 Flam. Liq. 2, H225;	
	 Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	
CAS: 56-81-5 RTECS: MA 8050000	Glycerol	Proprietary%

SECTION 4 FIRST AID MEASURES

Description Of First Aid Measures

After Inhalation: Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness, place patient securely on side position for transportation.

After Skin Contact: Wash with water and soap and rinse thoroughly.
If skin irritation occurs, seek medical attention.

After Eye Contact: Rinse opened eye for at least 15 minutes under running water.
If symptoms persist, consult a doctor.

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After Swallowing: Rinse out mouth and then drink plenty of water.
Do not induce vomiting.
If symptoms develop and/or persist, seek medical attention.

Information For Doctor:

Most important symptoms and effects, both acute and delayed:

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Agents: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Hazards Arising From The Substance Or Mixture

If incinerated, product will release the following toxic fumes: Oxides of Carbon, Nitrogen (NO_x) and Potassium and Hydrochloric acid gas.

Advice For Firefighters:

Protective Equipment: As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.
Ensure adequate ventilation
Avoid contact with eyes.

Environmental Precautions:

Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

Methods And Material For Containment And Cleaning Up:

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Dispose of the collected material according to regulations.

Reference To Other Sections:

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7 HANDLING AND STORAGE

HANDLING:

Precautions For Safe Handling: Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information About Protection Against Explosions And Fires:

Keep ignition sources away - Do not smoke.
Protect from heat.
Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities

Store away from strong acids, strong oxidizing agents, Alkali metals and Ammonia.

STORAGE:

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.
Protect from heat and direct sunlight.

Specific End Use(s): No further relevant information available.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical systems:

No further data; see section 7.

Control Parameters:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Components With Occupational Exposure Limits:

64-17-5 Ethyl alcohol	
PEL	Long-term value: 1900 mg/m ³ , 1000 ppm
REL	Long-term value: 1900 mg/m ³ , 1000 ppm
TLV	Short-term value: 1880 mg/m ³ , 1000 ppm Upper Respiratory Tract irritation

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56-81-5 Glycerol	
PEL	Long-term value: 15* 5** mg/m ³ mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.

Additional Information: The lists that were valid during the creation of this SDS were used as basis.

EXPOSURE CONTROLS:

Personal Protective Equipment:

General Protective And Hygienic Measures:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.

Breathing Equipment: Not required.
Protection Of Hands: Not required.
Eye Protection: Not necessary under normal conditions.
Body Protection: Not required.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Information On Basic Physical And Chemical Properties

GENERAL INFORMATION

Appearance:

Form: Viscous liquid
Color: Clear, amber
Odor: Lavender
Odor Threshold: Not determined.
pH-value @ 20 °C (68 °F): 10-10.5
Change In Condition:
Melting Point/Melting Range: Not determined.
Boiling Point/Boiling Range: 78 °C (172 °F)
Flash Point: 24 °C (75 °F)
Flammability (Solid, Gaseous): Flammable.
Ignition temperature: 425 °C (797 °F)
Decomposition Temperature: Not determined.
Auto Igniting: Product is not self-igniting.
Danger Of Explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

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Explosion Limits:

Lower:	0.0 Vol %
Upper:	15.0 Vol %
Vapor Pressure @ 20 °C (68 °F):	59 hPa (44 mm Hg)
Density @ 20 °C (68 °F):	0.90-1.0 g/cm ³ (7.511-8.345 lbs/gal)
Relative Density:	Not determined.
Vapor Density:	Not determined.
Evaporation Rate:	Not determined.
Solubility in / Miscibility with Water:	Fully miscible.
Partition coefficient (n-octanol/ water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent Content:	
Organic Solvents:	Proprietary %
Water:	Proprietary %
VOC Content:	Proprietary %
Other Information:	No further relevant information available.

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	No further relevant information available.
Chemical Stability:	Stable under normal conditions.
Thermal Decomposition / Conditions To Be Avoided:	No decomposition if used according to specifications.
Possibility Of Hazardous Reactions:	No dangerous reactions known.
Conditions To Avoid:	Heat, flame and ignition sources.
Incompatible Materials:	Strong acids, strong oxidizing agents, Alkali metals and Ammonia.
Hazardous Decomposition Products:	Oxides of Carbon, Nitrogen (NOx) and Potassium and Hydrochloric acid gas.

SECTION 11 TOXICOLOGICAL INFORMATION

Information On Toxicological Effects

Acute Toxicity:

LD/LC50 values that are relevant for classification:

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67701-09-1 Potassium salt of fatty acid		
Oral	LD50	> 5000 mg/kg (rat)
Dermal	LD50	> 5000 mg/kg (rat)
64-17-5 Ethyl alcohol		
Oral	LD50	7060 mg/kg (rat) Remarks: Lungs, Thorax, or Respiration: Other changes. Carcinogenicity - Mouse - Oral Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Liver: Tumors. Blood: Lymphomas including Hodgkin's disease. Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Heart - Irregularities - Based on Human Evidence Central nervous system - Breathing difficulties - Based on Human Evidence Stomach - Irregularities - Based on Human Evidence
Inhalative	LC50/4 h LC50/96 hours	20000 mg/l (rat) 12900-15300 mg/l (Trout)
56-81-5 Glycerol		
Oral	LD50	12600 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/96 hours	>50.000 mg/l (Trout)

Primary Irritant Effect:

On The Skin: No irritating effect.

On The Eye: Irritating effect.

Causes serious eye irritation.

Additional Toxicological Information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

Carcinogenic Categories

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to humans
 Group 2A - Probably carcinogenic to humans
 Group 2B - Possibly carcinogenic to humans
 Group 3 - Not classifiable as to its carcinogenicity to humans
 Group 4 - Probably not carcinogenic to humans
 None of the ingredients are listed.

NTP (National Toxicology Program)

None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

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Aquatic Toxicity:

64-17-5 Ethyl alcohol	
EC50	34900 mg/l (daphnia)

Persistence And Degradability: No further relevant information available.

Behavior In Environmental Systems:

Bioaccumulative Potential: No further relevant information available.

Mobility In Soil: No further relevant information available.

Additional Ecological Information:

General notes: Not known to be hazardous to water.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Other Adverse Effects: No further relevant information available.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Recommendation: Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Uncleaned Packagings:

Recommendation: Dispose of as unused product.
Disposal must be made according to official regulations.

Recommended Cleansing Agent: Water, if necessary with cleansing agents.

SECTION 14

TRANSPORT INFORMATION

UN Number

DOT: ORM-D Consumer Commodity

ADR, IMDG, IATA: UN1170

UN Proper Shipping Name

DOT: ORM-D Consumer Commod

ADR: UN1170 Ethanol solutions

IMDG: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

IATA: ETHANOL SOLUTION

Transport Hazard Class(es)

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DOT:

Class: ORM-D Consumer Commodity

ADR:



Class: 3 (F1) Flammable liquids

IMDG, IATA



Class: 3 Flammable liquids

Label: 3

Packing Group:

DOT: ORM-D Consumer Commodity

ADR, IMDG, IATA: III

Environmental Hazards: Not applicable.

Special Precautions For User Warning: Flammable liquids

Danger Code (Kemler): 30

EMS Number: F-E,S-D

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable.

Transport/Additional Information:

DOT

Remarks: ORM-D Consumer Commodity

ADR:

Excepted Quantities (EQ) Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

IMDG

Limited Quantities (LQ): 5L

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Excerpted Quantities (EQ): Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation": UN1170, Ethanol solutions, 3, III

SECTION 15 REGULATORY INFORMATION

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

Sara

Section 355 (Extremely Hazardous Substances):

None of the ingredients are listed.

Section 313 (Specific Toxic Chemical Listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed.

California Proposition 65

Chemicals Known To Cause Cancer:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

64-17-5 Ethyl alcohol

Carcinogenic Categories

EPA (Environmental Protection Agency)

None of the ingredients are listed.

TLV (Threshold Limit Value established by ACGIH)

64-17-5 Ethyl alcohol

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients are listed.

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GHS Label Elements:

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard Pictograms



Flame



Exclamation Mark

Signal word:

Warning

Hazard-Determining Components Of Labeling:

Potassium salt of fatty acid
Ethyl alcohol

Hazard Statements:

Flammable liquid and vapor.
Causes eye irritation.
May cause respiratory irritation.

Precautionary Statements:

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Use only outdoors or in a well-ventilated area.
Wear protective gloves / eye protection / face protection.
Ground/bond container and receiving equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wash thoroughly after handling.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a poison center/doctor if you feel unwell.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use for extinction: CO2, powder or water spray.
Store locked up.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.

National Regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

State Right To Know

CAS: 67701-09-1	Potassium salt of fatty acid		Proprietary%
		Eye Dam. 1, H318;	
		Skin Irrit. 2, H315	
CAS: 7732-18-5	Water, distilled water, deionized water		Proprietary%



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CAS: 64-17-5 RTECS: KQ 6300000	Ethyl alcohol		Proprietary%
		Flam. Liq. 2, H225;	
		Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	
CAS: 56-81-5 RTECS: MA 8050000	Glycerol		Proprietary%
CAS: 8000-28-0	Lavender Essential Oil, Lavandula angustifolia Flam. Liq. 4, H227; Eye Irrit. 2B, H320		Proprietary%
56-81-5	Glycerol		4.31%

Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 OTHER INFORMATION

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Abbreviations And Acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2B: Serious eye damage/eye irritation, Hazard Category 2B
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Reason for Revision: To bring to date.

END OF SDS

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