

Revision Date 07/01/2015

SDS REVISION NUMBER: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier****Product name** ANTIMICROBIAL HAND LOTION SOAP #652**Other means of identification****Product codes** F6652-NZZL-000, F6652-RGLR-000**Synonyms** NONE**Recommended use of the chemical and restrictions on use****Recommended Use** General Purpose Antimicrobial Soap**Uses advised against** No information available.**Details of the supplier of the safety data sheet****Manufacturer Address**Liberty Enterprises
43 Liberty Drive
Amsterdam, New York 12010
www.LibertyCleanProducts.com**Emergency telephone number****EMERGENCY TELEPHONE** LIBERTY: 1-518-954-3002
CHEMTREC: 1-800-424-9300**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Eye irritation Category 2B

Label elements**Emergency Overview****WARNING****Hazard statement**

Causes eye irritation

**Appearance** Opaque Pale Yellow**Physical State** Liquid**Odor** Floral

Precautionary Statements – Response

IF IN 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.

Hazards not otherwise classified (HNOC)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: Mixture

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Concentration (%)</u>
TALL OIL ACID (C18)	61790-12-3	5 – 10
POTASSIUM HYDROXIDE (KOH 45%)	1310-58-3	0 – 5
PROPYLENE GLYCOL	57-55-6	0 – 5
POLYMETHOXY BICYCLIC OXAZOLIDINE	56709-13-8	0 – 5
CHLOROXYLENOL (PCMX)	88-04-0	0 – 5

4. FIRST AID MEASURES**First aid measures**

General advice	No hazards which require special first aid measures.
Eye contact	IF IN EYES: Flush eyes under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, seek medical/advice attention.
Skin contact	IF ON SKIN: If irritation persists, wash with water.
Inhalation	IF INHALED: Get medical attention if symptoms occur.
Ingestion	IF SWALLOWED: Contact a physician or poison Control Center immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical

Carbon oxides.

Protective equipment and precautions for firefighters

Firefighters should use personal protective equipment. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions No special measures required.

Environmental precautions

Environmental precautions Avoid contact of large amounts of spilled material runoff with soil and surface waterways.

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 Absorb with inert material. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Wash hands after handling. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed. Store between 32 and 122 degrees F.

Incompatible materials No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<u>Ingredients</u>	<u>CAS-No.</u>	<u>Form of Exposure</u>	<u>Permissible Concentration</u>	<u>Basis</u>
TALL OIL ACID (C18)	61790-12-3	TWA	5 mg/m ³	ACGIH
				OSHA
POTASSIUM HYDROXIDE (KOH 45%)	1310-58-3	TWA	2 mg/m ³	ACGIH CEILING
PROPYLENE GLYCOL	57-55-6	TWA	10 mg/m ³	NIOSH
POLYMETHOXY BICYCLIC OXAZOLIDONE	56709-13-8	TWA	0.3 ppm	AIHA CEILING
			0.016 ppm	NIOSH REL
			0.1 ppm	NIOSH CEILING
			0.75 ppm	OSHA
			2 ppm	OSHA STEL

Appropriate engineering controls

ENGINEERING CONTROLS No information available.

Individual protection measures, such as personal protective equipment

Eye/face protection	Eye protection should be used when splashing may occur.
Skin and body protection	No protective equipment is needed under normal use.
Respiratory Protection	No protective equipment is needed under normal use.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid	Odor	Floral
Appearance	Opaque Pale Yellow	Odor threshold	No information available
Color	Yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.5 typical	
Melting point/freezing point	Not applicable	
Boiling point / boiling range	Not applicable	
Flash point	Not applicable	
Evaporation rate	< 1	
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	Not applicable	
Vapor density	Not applicable	
Specific gravity	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	Not applicable	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
VOC (EPA METH.24) (G/L):	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY**REACTIVITY**

No data available

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None known under conditions of normal use.

CONDITIONS TO AVOID

None known.

Incompatible materials

None known.

Hazardous Decomposition Products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	Inhalation, eye contact, skin contact
Inhalation	Health injuries are not known or expected under normal use.
Eye contact	Cause of irritation.
Skin contact	Health injuries are not known or expected under normal use.
Ingestion	Health injuries are not known or expected under normal use.

Information on toxicological effects

Inhalation	No symptoms known or expected.
Eye contact	Redness, irritation.
Skin contact	No symptoms known or expected.
Ingestion	No symptoms known or expected.

Numerical measures of toxicity - Product Information

Acute oral toxicity	Acute toxicity estimate: > 5,000 mg/kg
Acute inhalation toxicity	No data available
Acute dermal toxicity	Acute toxicity estimate: > 5,000 mg/kg
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	Mild eye irritation

Numerical measures of carcinogenicity - Product Information

IARC	No compound of this product presents at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC..
OSHA	No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
NTP	No ingredient of this product presents at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

12. ECOLOGICAL INFORMATION

The product ingredients are expected to be safe for the environment at the concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes The product should not be allowed to enter drains, water courses or the soil. When possible, recycling is preferred to disposal or incineration. If recycling is not practical, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

Disposal considerations Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

14. TRANSPORT INFORMATION

Proper shipping name Not Regulated by DOT

15. REGULATORY INFORMATION

US Federal Regulations

TSCA Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

CERCLA

Not Determined.

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	No
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

CWA (Clean Water Act)

Not Determined.

US State Regulations

California Proposition 65

Not Determined.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

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

Prepared By Liberty Enterprises, from Kutol P10026 F010 04/10/15, Rev. 1.0
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Revision Note

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

***** END OF SDS *****