

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name HEALTHY HANDS INSTANT ANTISEPTIC W/MOIST**Recommended Use** cleaning agent**Information on Manufacturer**

CHEMSEARCH DIV. OF NCH CORP.

BOX 152170

IRVING, TX 75015

Product Code 5466**Chemical Nature** Alcoholic solution**Emergency Telephone Number**

CHEMTREC ® 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

Warning

Flammable Liquid

Causes eye irritation

May be harmful if swallowed

Keep out of reach of children

Color purple**Potential Health Effects****Principle Route of Exposure****Primary Routes of Entry****Acute Effects****Eyes****Skin****Inhalation****Ingestion****Chronic Effects****Target Organ Effects****Aggravated Medical Conditions****Potential Environmental Effects****Physical State** Liquid**Odor** Alcoholic

Eye contact.

Ingestion.

Causes eye irritation.

Not hazardous.

Not hazardous by inhalation.

Ingestion may cause irritation to mucous membranes.

Liver injury may occur.

Liver, Central nervous system.

None known.

See Section 12 for additional Ecological information

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No
Ethyl alcohol	64-17-5
Diisopropylamine	108-18-9
Glycerol	56-81-5

4. FIRST AID MEASURES

General Advice**Eye Contact****Skin Contact****Inhalation****Ingestion****Notes to Physician**

Avoid contact with eyes.

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

No hazards which require special first aid measures.

No information available.

Drink 1 or 2 glasses of water. Do not induce vomiting. Get medical attention if symptoms occur.

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point 65°F / 18°C**Autoignition Temperature** No information available**Flammability Limits in Air****Suitable Extinguishing Media**

Dry powder. Carbon dioxide (CO2). Water spray. Foam. Alcohol-resistant foam .

Specific Hazards Arising from the Chemical

Material can create slippery conditions.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA	Health	2	Flammability	3	Instability	0
HMIS	Health	2	Flammability	3	Instability	0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions**Environmental Precautions****Methods for Containment****Methods for Cleaning Up**

Ensure adequate ventilation.

Prevent further leakage or spillage if safe to do so.

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13)

Pick up and transfer to properly labelled containers.

7. HANDLING AND STORAGE

Handling**Storage****Storage Temperature****Storage Conditions**

Avoid contact with eyes.

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition.

Minimum 35°F / 2°C**Indoor**

X

Outdoor**Maximum****Heated**

120°F / 49°C

Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Ethyl alcohol	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1900 mg/m ³ TWA: 1000 ppm
Diisopropylamine	TWA: 5 ppm Skin	TWA: 20 mg/m ³ TWA: 5 ppm Skin	IDLH: 200 ppm TWA: 20 mg/m ³ TWA: 5 ppm
Glycerol	No data available	no data available	no data available

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

not required under normal use.

Skin Protection

Not required.

Respiratory Protection

Not required under normal use.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Viscous
Color	purple	Odor	Alcoholic
Appearance	Transparent	pH	6.0 - 8.5
Specific Gravity	0.89	Bulk Density	No data available
Evaporation Rate	1.8 (Butyl acetate=1)	Percent Volatile (Volume)	98
VOC Content (%)	62	Vapor Pressure	33.1 mmHg @ 70 °F
Vapor Density	1.3	Solubility	Soluble
Boiling Point/Range	92°F / 33°C		

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Heat, flames, and sparks.

Incompatible Products

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon oxides. Nitrogen oxides (NOx).

Possibility of Hazardous Reactions

None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

No information available

Component Information

Acute toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Ethyl alcohol	1501 mg/kg (Rat)	no data available	124.7 mg/L (Rat) 4 h	no data available	no data available
Diisopropylamine	420 mg/kg (Rat)	10000 mg/kg (Rabbit)	5.3 mg/L (Rat) 4 h	no data available	no data available
Glycerol	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Ethyl alcohol	no data available	no data available	no data available	no data available	respiratory system, skin, eyes, CNS, liver, blood, reproductive system
Diisopropylamine	no data available	no data available	no data available	no data available	skin, eyes, respiratory system
Glycerol	no data available	no data available	no data available	no data available	respiratory system, skin, eyes, kidneys

Carcinogenicity

There are no known carcinogenic chemicals in this product

Component	ACGIH	IARC	NTP	OSHA	Other
Ethyl alcohol	not applicable	Group 1 in alcoholic beverages	not applicable	not applicable	not applicable
Diisopropylamine	not applicable	not applicable	not applicable	not applicable	not applicable
Glycerol	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Ethyl alcohol	no data available	LC50= 12900 mg/L <i>Oncorhynchus mykiss</i> 96 h LC50= 14.2 mg/L <i>Pimephales promelas</i> 96 h	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	EC50 = 10800 mg/L 24 h EC50 = 9268 mg/L 48 h	-0.32
Diisopropylamine	EC50= 20 mg/L <i>Selenastrum capricornutum</i> 96 h	LC50 150 - 223 mg/L <i>Brachydanio rerio</i> 96 h LC50 420 - 560 mg/L <i>Oryzias latipes</i> 96 h LC50= 50 mg/L <i>Semotilus atromaculatus</i> 24 h	no data available	EC50 = 25.8 mg/L 24 h EC50 = 53 mg/L 24 h	N/A
Glycerol	no data available	no data available	no data available	no data available	N/A

Persistence and Degradability

No information available

Bioaccumulation

No information available

Mobility

No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations

Container Disposal

Do not re-use empty containers

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Ethanol Solution
Hazard Class 3
UN-No UN1170
Packing Group II
Description Ethanol ,3,UN1170,PG II

TDG

Proper shipping name Ethanol Solution
Hazard Class 3
UN-No UN1170
Packing Group II
Description ETHANOL,3,UN1170,PG II

ICAO

UN-No UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II
Shipping Description Ethanol solution,3,UN1170,PG II

IATA

UN-No UN1170
Proper Shipping Name Ethanol solution
Hazard Class 3
Packing Group II
ERG Code 3L
Shipping Description UN1170,Ethanol solution,3,PG II

IMDG/IMO

Proper Shipping Name Ethanol Solution
Hazard Class 3
UN-No UN1170
Packing Group II
EmS No. F-E, S-D
Shipping Description UN1170, Ethanol Solution,3,PG II

15. REGULATORY INFORMATION

Inventories

TSCA Does not Comply
DSL Complies

U.S. Federal Regulations

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 40n of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Ethyl alcohol	Not applicable	Not applicable
Diisopropylamine	Not applicable	Not applicable
Glycerol	Not applicable	Not applicable

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.
WHMIS Hazard Class
Non-controlled.

16. OTHER INFORMATION

Prepared By Dan Hollas
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Reason for Revision No information available
Glossary No information available
List of References No information available

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