

SAFETY DATA SHEET**1. Identification****Product Name:** **Product Code:** **SDS Date:****Use:**

Astra Hand Freshener

B10910

2/12/2016

Industrial

Astra Industry Inc.
3818 North Stratford Road NE,
Atlanta GA 30342

General Information: 786-220-8501**CHEMTREC: 800-424-9300****2. Hazard(s) identification****GHSClassification**

Flammable liquids (Category 2)

Eye irritation (Category 2A)

Pictogram**Signalword** Danger**HazardStatement**

Highly flammable liquid and vapor.

Causes serious eye irritation.

Precautionary

Highly flammable liquid and vapor. Causes serious eye irritation. Keep away from heat, sparks, open flames, hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof electrical /ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Wear protective gloves/eye protection/face protection. Response If on skin (or hair): 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 eye irritation persists: Get medical advice/attention. In case of fire: Use to extinguish. Store in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local /regional /national /international regulations.

Hazards not otherwise classified: Not available

3. Composition/information on ingredients

Name	CAS	Concentration
Ethanol	64-17-5	50-70
Carbopol ® Ultrez 10	195739-91-4	100
DIPA	108-18-9	100
Glycerin USP Kosher	56-40-6	99
Lemon Frag 10553R	200-412-2	100
DI Water	7732-18-5	100

4. First-aid measures

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

General Advice	Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If Inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In Case of Skin Contact	In case of skin irritation or allergic reactions wash off with soap and plenty of water. Consult a physician.
In Case of Eye Contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If Swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

Indications of any immediate medical attention and special treatment needed

No data available

5. Fire-fighting measures

Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special Hazards	Carbon oxides
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further Information	Use water spray to cool unopened containers.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.



Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. Handling and storage

Safe Handling Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

Safe Storage Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic

8. Exposure controls/personal protection

Name		CAS	
Ethanol		64-17-5	
OSHA TWA	OSHA STEL	ACGIH TWA	ACGIH STEL
1000 ppm	Not Available	1000 ppm	Not Available

Engineering Control Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Eye/Face Protection Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection Handle with butyl rubber gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection impervious clothing, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory Protection Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. Physical and chemical properties

Appearance	Ethanol	Colorless, clear liquid
Odor	Ethanol	No data available
Odor Threshold	Ethanol	No data available
	Ethanol	No data available
	Ethanol	³ -143.99C (-227.18F)



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pH

Melting/Freezing Point

Initial Boiling Point/Range

Flash Point

Evaporation Rate

Flammability

Upper Explosion Lir

Lower Explosion Lir Ethanol

%

Vapor Pressure Ethanol

59.5 hPa (44.6 mmHg) at 20.0 °C (68.0 °F)

Vapor Density Ethanol

No data available

Relative Density Ethanol

0.7974 g/cm3

Water Solubility Ethanol

completely soluble

Partition Coefficient Ethanol

No data available

Auto Ignition Temperature Ethanol

363.0 °C (685.4 °F)

Decomposition Temperature Ethanol

No data available

Viscosity Ethanol

No data available

Reactivity

Chemical Stability

under recommended storage conditions.

Possibility of Hazardous Reactions

Conditions to Avoid

Incompatible materials

ali metals, Oxidizing agents, Peroxides

Hazardous Decomposition Products

Toxicological information



Name	CAS
Ethanol	64-17-5
LD50 Oral - Rat - 2,743 mg/kg	
Inhalation: No data available	
LD50 Dermal - Rabbit - > 2,000 mg/kg	
Skin corrosion/irritation Result: Mild skin irritation - 24 h	
Serious eye damage/eye irritation Result: Irritating to eyes. - 24 h	
Respiratory or skin sensitization No data available	
Germ cell mutagenicity No data available	
Carcinogenicity Not identified as probable, possible or confirmed human carcinogen by IARC, NTP, or OSHA	
Reproductive No data available	
Additional information drying, cracking of the skin, Skin irritation Liver - Irregularities	

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12. Ecological information

Name	CAS	Toxicity
Ethanol	64-17-5	Not Available

13. Disposal considerations

Dispose of contents/container in accordance with local/regional/national/international regulations.

14. Transport information

Proper Shipping Name	Flammable Liquids, n.o.s. (Ethanol)
Hazard Class	3
Identification Number	UN1993
Packing Group	II
Label	Flammable

15. Regulatory information



Name		CAS
Ethanol		64-17-5
SARA 302/304	No components were identified	
SARA 313	No components were identified	
CERCLA	No components were identified	
SARA 311/312	Fire Hazard, Chronic Health Hazard	
PROP 65	No components were identified	
This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.		

16. Other information, including date of preparation or last revision

SDS Date: 2/12/2016

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