

Section 1 ~ Identification

Identity (As Used On Label and List) B5023, B5024, B5025 HAND SAN FOAM	Date Prepared: 07-15-2020
Company Information: OMEGA INDUSTRIAL SUPPLY, INC	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 101 Grobric Ct #1	Telephone Number for Information: 1-800-571-7347
(City, State, and Zip Code) Fairfield, CA 94534	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

GHS-US Classification Flammable liquids Category 2 H225
Carcinogenicity Category 1A H350
Full text of H statements: see section 16

Label Elements

GHS-US Labeling

Hazardous Pictograms (GHS-US)



GHS02

Signal Word (GHS-US): Danger

Contains: ethanol, aqueous solutions, F.P.<23°C

Hazardous Statements (GHS-US)

H225 - Highly flammable liquid and vapor

Precautionary Statements (GHS-US)

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat. - No smoking
P233 - Keep container tightly closed
P243 - Take precautionary measures against static discharge
P308+P313 - If exposed or concerned: Get medical advice/attention
P370+P378 - In case of fire: Use Suitable extinguishing media to extinguish
P403 + P235 - Store in a well-ventilated place. Keep cool
P405 - Store locked up
P501 - Dispose of contents/container to an approved waste disposal plant

Other Hazards

No additional information available

Unknown Acute Toxicity (GHS-US)

Not applicable

Section 3 ~ Composition/Information on Ingredients

Substance: Not applicable.

Mixture

Name	CAS No.	%(Wt.)	GHS-US Classification
Ethanol, aqueous solutions, F.P.<23°C (Ethyl alcohol)	64-17-5	70 - 75	Flam. Liq. 2, H225 Carc. 1A, H350

Full text of H-statements: See section 16

Section 4 ~ First Aid Measures

Description of First Aid Measures

First-Aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-Aid Measures After Inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

First-Aid Measures After Skin Contact (other than hands): Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.

First-Aid Measures After Eye Contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-Aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

Most Important Symptoms and Effects, Both Acute and Delayed: No additional information available

Indication of Any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically.

Section 5 ~ Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

Unsuitable Extinguishing Media: Do not use a heavy water stream.

Special Hazards Arising from the Substance or Mixture

Fire Hazard: Highly flammable liquid and vapor.

Explosion Hazard: May form flammable/explosive vapor-air mixture.

Advice for Firefighters

Firefighting Instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ~ Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

For Non-Emergency Personnel

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and Material for Containment and Cleaning Up

Methods for Cleaning Up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

Section 7 ~ Handling and Storage

Precautions for Safe Handling

Additional Hazards When Processed: Handle empty containers with care because residual vapors are flammable.

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. No open flames. No smoking. Use only non-sparking tools. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.

Conditions for Safe Storage, Including any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.

Storage Conditions: Keep only in the original container in a cool, well ventilated place away from : Keep in fireproof place. Keep container tightly closed.

Incompatible Products: Strong bases. Strong acids.

Incompatible Materials: Sources of ignition. Direct sunlight. Heat sources.

Section 8 ~ Exposure Controls/Personal Protection

Control Parameters

ethanol, aqueous solutions, F.P.<23°C (64-17-5)

ACGIH	ACGIH STEL (ppm)	1000 ppm
ACGIH	Remark (ACGIH)	URT irr
OSHA	OSHA PEL (TWA) (mg/m ³)	1900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm

Exposure Controls

Personal Protective Equipment: None required under normal conditions

Hand Protection: None required under normal conditions

Eye Protection: None required under normal conditions.

Respiratory Protection: None required under normal conditions

Other Information: Do not eat, drink or smoke during use.

Section 9 ~ Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State: Liquid

Color: Colorless

Odor: Coconut

Odor Threshold: 3-60 ppm

pH: No data available

Melting Point: - 89°C (-128.2°F)

Freezing Point: - 89°C (-128.2°F)

Boiling Point: 82.5°C (180.5°F)

Flash Point: 13°C (55.4°F)

Relative Evaporation Rate (butyl acetate=1): No data available

Flammability (solid, gas): No data available

Explosion Limits: No data available

Explosive Properties: No data available

Oxidizing Properties: No data available

Vapor Pressure: 24.7

Relative Density: No data available

Relative Vapor Density at 20 °C: No data available

Specific Gravity / Density: ≈ 0.88

Solubility: Water: Solubility in water of component(s) of the mixture: • ethanol, aqueous solutions, F.P.<23°C: complete

Log Pow: No data available

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

Viscosity: No data available

Viscosity, Kinematic: No data available

Viscosity, Dynamic: No data available

Other Information: No additional information available

Section 10 ~ Stability and Reactivity

Reactivity: No additional information available

Chemical Stability: Highly flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

Possibility of Hazardous Reactions: Not established.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Open flame.

Incompatible Materials: Strong acids. Strong bases.

Hazardous Decomposition Products: Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

Section 11 ~ Toxicological Information

Information on Toxicological Effects

Acute Toxicity: Not classified

ethanol, aqueous solutions, F.P.<23°C (64-17-5)

LD50 oral rat > 7060 mg/kg (Rat, Oral)

LD50 dermal rabbit > 5000 mg/kg (Rabbit, Dermal)

LC50 inhalation rat (mg/l) > 20 mg/l (4 h, Rat, Inhalation)

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Carcinogenicity: May cause cancer (oral).

ethanol, aqueous solutions, F.P.<23°C (64-17-5)

IARC group 1 - Carcinogenic to humans

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (single exposure): Not classified

Specific Target Organ Toxicity (repeated exposure): Not classified

Aspiration Hazard: Not classified

Potential Adverse Human Health Effects and Symptoms: Based on available data, the classification criteria are not met.

Section 12 ~ Ecological Information

Toxicity

ethanol, aqueous solutions, F.P.<23°C (64-17-5)

LC50 fish 1 13.000 mg/l (96 h, Salmo gairdneri, Pure substance)

EC50 Daphnia 1 9300 mg/l (48 h, Daphnia magna, Pure substance)

Persistence and degradability HAND SAN FOAM

Persistence and degradability Not established.

ethanol, aqueous solutions, F.P.<23°C (64-17-5)

Persistence and degradability Readily biodegradable in water.

Biochemical oxygen demand (BOD) 0.8 - 0.97 g O₂/g substance

Chemical oxygen demand (COD) 1.70 g O₂/g substance

ThOD 2.10 g O₂/g substance

BOD (% of ThOD) 0.43

Bioaccumulative Potential**HAND SAN FOAM**

Bioaccumulative potential Not established.

ethanol, aqueous solutions, F.P.<23°C (64-17-5)

Log Pow -0.32

Bioaccumulative potential Not bioaccumulative.

Mobility in Soil: No additional information available**Other Adverse Effects****Effect on the Global Warming:** No known ecological damage caused by this product.**Other Information:** Avoid release to the environment.**Section 13 ~ Disposal Considerations****Waste Treatment Methods****Waste Disposal Recommendations:** An approved waste disposal plant. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to

..

Additional Information: Handle empty containers with care because residual vapors are flammable.**Ecology - Waste Materials:** Avoid release to the environment.**Section 14 ~ Transport Information****Department of Transportation (DOT)****In Accordance with DOT****Transport Document Description:** UN1987 Alcohols, n.o.s. (ethanol, aqueous solutions, F.P.<23°C), 3, II**UN-No.(DOT):** UN1987**Proper Shipping Name (DOT) (Bulk shipments):** Alcohols, n.o.s.

ethanol, aqueous solutions, F.P.<23°C

Class (DOT): 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120**Hazard labels (DOT):** LTD QTY - Limited quantity**Packing group (DOT):** II - Medium Danger**DOT Packaging Non Bulk (49 CFR 173.xxx):** 202**DOT Packaging Bulk (49 CFR 173.xxx):** 242

DOT Special Provisions (49 CFR 172.102): 172 - This entry includes alcohol mixtures containing up to 5% petroleum products IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F) TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP

DOT Packaging Exceptions (49 CFR 173.xxx): 4b;150**DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):** 5 L**DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):** 60 L

DOT Vessel Stowage Location: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded

Emergency Response Guide (ERG) Number: 127**Other Information:** No supplementary information available.**Section 15 ~ Regulatory Information****US Federal Regulations****HAND SAN FOAM**

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

International Regulations**CANADA:** No additional information available**EU-Regulations:** No additional information available**National Regulations****ethanol, aqueous solutions, F.P.<23°C (64-17-5)**

Listed on IARC (International Agency for Research on Cancer)

US State Regulations: California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm**ethanol, aqueous solutions, F.P.<23°C (64-17-5)**

U.S. - New Jersey - Right to Know Hazardous Substance List

Section 16 ~ Other Information**Other Information:** None

Full Text of H-phrases;

H225 Highly flammable liquid and vapor.

H350 May cause cancer

	NFPA	HMIS	Key
HEALTH	0	0	4= Severe
FLAMMABILITY	2	2	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	B	1= Slight
			0= Minimal
			B= Safety glasses, Gloves

DISCLAIMER: Omega Industrial Supply, Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available. 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 a 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.