



# AccuStandard, Inc.

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Tel: 203-786-5290 Fax: 203-786-5287

## Emergency Contact Information:

AccuStandard, Inc.  
1-203-786-5290

Hours: Monday to Friday 8:00am to 5:00pm EST

## SAFETY DATA SHEET

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### 1.1 - Product Identifiers

Catalog Name: HS-003N

Description: Naphtha

CAS No.: 64742-89-8

#### 1.2 - Relevant Identified Uses of the Substance or Mixture

Laboratory Chemical Reference Material

#### 1.3 - Supplier Details

Company: AccuStandard, Inc.  
125 Market St.  
New Haven, CT 06513 USA

Telephone Number: 203-786-5290

Fax: 203-786-5287

Email: edocs@accustandard.com

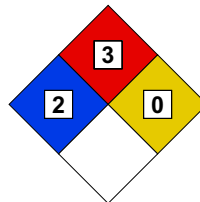
#### 1.4 - Emergency Telephone Number

Emergency Phone #: AccuStandard, Inc.  
1-203-786-5290

Hours: Monday to Friday 8:00am to 5:00pm EST

### SECTION 2 - HAZARDS IDENTIFICATION

#### 2.1 - GHS Label Elements



2	HEALTH
3	FLAMMABILITY
0	PHYSICAL HAZARD

**Signal Word: Warning**

#### Hazard Codes:

H225 - Highly Flammable (Flammable liquids, category 2)

H302 - Harmful if swallowed. (Acute toxicity, oral, category 4)

H305 - Aspiration hazard if swallowed - may be harmful if swallowed and enters airways. (Aspiration hazard, category 2)

H315 - Irritating to skin. (Skin corrosion/irritation, category 2)

H320 - Irritating to eyes. (Eye damage/irritation, category 2B)

H332 - Harmful if inhaled. (Acute toxicity, inhalation, category 4)

H371 - May cause kidney and liver damage. (Specific target organ toxicity, single exposure, category 2)

#### Precautionary Codes:

P202 - This product should only be used by persons trained in the safe handling of hazardous chemicals.

P260 - Do not breathe vapor.

**SECTION 2 - HAZARDS IDENTIFICATION** - *continued***2.1 - GHS Label Elements** - *continued*

P262 - Do not get in eyes, on skin or clothing.

P264 - Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available.

P280 - Protective gloves must be worn to prevent skin contact.

P284 - Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (see TLV/PEL), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering and/or administrative controls should be implemented to reduce exposure.

P331 - Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

P338 - Eye contact: Immediately flush with plenty of water. After initial flushing, remove and contact lenses and continue flushing for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers.

P352 - Skin contact: Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.

P404 - Store in a tightly closed container.

**2.2 - Other Hazards****2.2.1 - Symptom of Exposure Health/Environment**

May cause gastrointestinal irritation, nausea, irritation of respiratory passages, dizziness, coma.

Aspiration hazard if swallowed - may be harmful if swallowed and enters airways. (Aspiration hazard, category 2)

Central nervous system depressant.

May cause kidney and liver damage. (Specific target organ toxicity, single exposure, category 2)

Highly Flammable (Flammable liquids, category 2)

**2.2.2 - Potential Health Effects**

Irritating to eyes. (Eye damage/irritation, category 2B)

Irritating to skin. (Skin corrosion/irritation, category 2)

May be harmful if absorbed through the skin. (Acute toxicity, dermal, category 5)

Irritating to mucous membrane and upper respiratory system. (Specific target organ toxicity, single exposure; Respiratory tract irritation, category 3)

Harmful if inhaled. (Acute toxicity, inhalation, category 4)

Harmful if swallowed. (Acute toxicity, oral, category 4)

**2.2.3 - Routes of Entry**

Inhalation, ingestion or skin contact.

**2.2.4 - Carcinogenicity**

This product is or contains a component that is not listed (ACGIH, IARC, NTP, OSHA) as a cancer causing agent.

**SECTION 3 - COMPOSITION / ANALYTES DATA**

Description: Naphtha

Synonyms: Lactol spirits

Molecular Weight: N/A

Molecular Formula: N/A

EC#: 265-192-2

Index#: 649-267-00-0

**SECTION 3 - COMPOSITION / ANALYTES DATA - continued**

Analyte	CAS Number	% Concentration	ACGIH -TLV (mg/m <sup>3</sup> )			OSHA -PEL (mg/m <sup>3</sup> )		
			TWA	STEL	Skin	TWA	STEL	Skin
Naphtha	64742-89-8	100.000		300			300	

**SECTION 4 - FIRST AID MEASURES****4.1 - First Aid Procedures - General**

Get medical assistance for all cases of overexposure.

**4.2 - Eye Contact**

Eye contact: Immediately flush with plenty of water. After initial flushing, remove and contact lenses and continue flushing for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. (P338)

**4.3 - Skin Contact**

Skin contact: Wash thoroughly with soap and water. Get medical attention if irritation develops or persists. (P352)

**4.4 - Inhalation**

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

**4.5 - Ingestion**

Ingestion: Do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. (P331)

**SECTION 5 - FIRE FIGHTING MEASURES****5.1 - Flammable Properties**

Dangerous fire and explosive hazard.

Vapors can travel to a source of ignition and flash back.

During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

**5.2 - Extinguishing Media**

Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material.

Water spray to cool fire-exposed containers and disperse vapors.

Water spray may be used to flush spills away from exposures and to dilute spills to noncombustible mixtures.

**5.3 - Protection of Firefighters**

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

**SECTION 6 - ACCIDENTAL RELEASE MEASURES****6.1 - Spill Response**

Wear suitable protective equipment listed under Exposure Controls / Personal Protection. Eliminate any ignition sources until the area is determined to be free from explosion or fire hazards. Contain the release and eliminate its source, if this can be done without risk. Dispose as hazardous waste. Comply with Federal, State and local regulations.

**SECTION 7 - HANDLING AND STORAGE**

Store in a tightly closed container. (P404)

**SECTION 7 - HANDLING AND STORAGE** - *continued*

Store in a cool area away from ignition sources and oxidizers.

Do not breathe vapor. (P260)

Use with adequate ventilation. (P271)

Do not get in eyes, on skin or clothing. (P262)

Avoid prolonged or repeated exposure.

Empty containers retain product residue and can be very dangerous.

This product should only be used by persons trained in the safe handling of hazardous chemicals. (P202)

**SECTION 8 - EXPOSURE CONTROLS****8.1 - Engineering Controls/PPE**

Wash thoroughly after handling. Do not take internally. Eye wash and safety equipment should be readily available. (P264)

**8.2 - General Hygiene Considerations**

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded (see TLV/PEL), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your safety equipment supplier). Engineering and/or administrative controls should be implemented to reduce exposure.

Material should be handled or transferred in an approved fume hood or with adequate ventilation.

Protective gloves must be worn to prevent skin contact. (P280)

(Butyl, viton or equivalent)

Safety glasses with side shields must be worn at all times.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Clear liquid

Odor: Gasoline (hydrocarbon) odor

Odor Threshold: N/A

pH: N/A

Melting Point: < -38 C

Boiling Point: 118 - 140 °C

Flash Point: 64 °F / 18 °C

Evaporation Rate (Butyl Acetate=1): 1.3

Flammability Class: IB

Lower Flammability Level: 0.9

Upper Flammability Level: 7

Vapor Pressure: 15 mmHg @ 20 °C

Vapor Density (Air = 1): 4.1

Specific Gravity: 0.74 g/cm<sup>3</sup>

Solubility in Water: Negligible

Partition Coefficient: N/A

Autoignition Temperature: N/A

Decomposition Temperature: N/A

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES** - continued

Viscosity: N/A  
VOC Content: N/A  
Percent Volatile: 100

**SECTION 10 - STABILITY AND REACTIVITY**

Stability: Stable  
Materials to Avoid: Oxidizers  
Acids  
Hazardous Decomposition: Oxides of carbon  
Hazardous Polymerization: Will not occur  
Condition to Avoid: Heat, flame, sparks

**SECTION 11 - TOXICOLOGICAL INFORMATION****Human Health Toxicity**

See section 2 for specific toxicological information for the ingredients of this product.

LD50 (Oral): Rat - >5000 mg/kg

LD50 (Dermal) : Rabbit - >2000 mg/kg

LC50 (Inhalation): Rat - >20 mg/L

Aspiration hazard if swallowed - may be harmful if swallowed and enters airways. (Aspiration hazard, category 2)

No other information related to the toxicological properties of this product is available at this time.

**SECTION 12 - ECOLOGICAL INFORMATION****Environmental Toxicity**

By complying with sections 6 and 7 there should be no release to the environment.

Acute aquatic toxicity studies on petroleum distillates show acute toxicity values greater than 1 mg/L and mostly in the range of 1 - 100 mg/L. However, petroleum distillates should be regarded as toxic to aquatic organisms with the potential to cause long term adverse effects in the aquatic environment.

No other information related to the ecological properties of this product is available at this time.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Recycle or incinerate at any EPA approved facility or dispose in compliance with Federal, State and local regulations. Empty containers must be triple-rinsed prior to disposal.

**SECTION 14 - TRANSPORT INFORMATION**Transportation Information (DOT/IATA)

UN Number: UN1268

UN Shipping Class: 3

UN Packing Group: II

UN Proper Shipping Name: Petroleum Distillates, n.o.s.

Poison by Inhalation: No

Marine Pollutant: No

**SECTION 15 - REGULATORY INFORMATION**

The CAS number of this product is listed on the TSCA Inventory.

This product is NOT subject to SARA section 313 reporting requirements.

May also include varying amounts of the following components:

Benzene; Cumene; Cyclohexane; Ethylbenzene; Naphthalene; Hexane; Toluene; Xylene.

**For laboratory, research and development use only. Not for manufacturing or commercial purposes.**

In addition to federal and state regulations, local regulations may apply. Check with your local regulatory authorities.

**SECTION 16 - OTHER INFORMATION**

This document has been designed to meet the requirements of OSHA, ANSI, GHS and CHIPs regulations.

The statements contained herein are offered for informational purposes only and are based on technical data that we believe to be accurate. The manufacturer will not assume any liability for the accuracy and completeness of this information. Final determination of the suitability of the material is the responsibility of the user. Although certain hazards are described herein, the user should not presume that these are the only hazards that exist. Since conditions and manner of use are outside of the manufacturers control, we make

**NO WARRANTY OF MERCHANTABILITY, EXPRESSED OR IMPLIED, AND ASSUME NO LIABILITY RESULTING FROM ITS USE.**

Legend : N/A = Not Available ND = Not Determined NR = Not Regulated

Alteration of any information contained herein without written permission from the manufacturer is strictly prohibited.

**HMIS/NFPA HAZARD INDEX**

- 0 - Minimal
- 1 - Slight
- 2 - Moderate
- 3 - Serious
- 4 - Severe

\* - Additional Hazard

**GHS HAZARD INDEX**

- Category 1 - Most Severe
- Category 5 - Least Severe

\*\*\*\* End of Document \*\*\*\*