



SAFETY DATA SHEET

SASE EZ-Fill Pro "B"

Revised May 26, 2017



1. PRODUCT & COMPANY IDENTIFICATION

Recommended use of the chemical and restriction on use

Recommended use: Polyurea component industrial chemicals

Suitable for use in industrial sector: Polymers industry; chemical industry

Company

SASE Company Inc.
2475 Stock Creek Blvd.
Rockford, TN 37853

Phone: 1800-522-2606

Fax: 865.745.4110

www.sasecompany.com

Emergency Telephone Number: Call INFOTRAC Day or Night, Within USA or Canada 800.535.5053

Outside USA or Canada: Call 1-703-527-3887 (collect calls accepted)

Use only for hazardous materials (or dangerous goods) incident - spill, leak, fire, exposure, or accident.

Chemical Family: Resin
Synonyms: Urethane System Resin Component

2. HAZARD IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

Classification of the product

| | | |
|-----------------|----|--|
| Asp. Tox. | 1 | Aspiration hazard |
| Flam. Liq. | 4 | Flammable liquids |
| Eye Dam./Irrit. | 2A | Serious eye damage/eye irritation |
| Aquatic Acute | 3 | Hazardous to the aquatic environment - acute |
| Aquatic Chronic | 3 | Hazardous to the aquatic environment - chronic |

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

| | |
|------|--|
| H227 | Combustible liquid. |
| H319 | Causes serious eye irritation. |
| H304 | May be fatal if swallowed and enters airways. |
| H402 | Harmful to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary Statements (Prevention):

| | |
|------|--|
| P280 | Wear protective gloves and eye/face protection. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P273 | Avoid release to the environment. |

P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.
P370 + P378 In case of fire: Use water spray, dry powder, carbon dioxide, foam to extinguish.

Precautionary Statements (Storage):

P405 Store locked up.
P403 + P235 Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

According to Regulation 1994 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

Emergency overview

WARNING: COMBUSTIBLE LIQUID.

Toxic to aquatic organisms.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Causes skin irritation.

Causes serious eye damage. May cause allergic skin reaction.

Repeated oral exposure may affect certain organs.

3. COMPOSITION / INFORMATION ON INGREDIENTS

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

| <u>CAS Number</u> | <u>Content (W/W)</u> | <u>Chemical name</u> |
|-------------------|----------------------|--|
| 102-60-3 | >= 20.0 - < 25.0 % | Tetrahydroxypropylethylenediamine |
| 6846-50-0 | >= 10.0 - < 15.0 % | Propanoic acid, 2-methyl-, 2,2-dimethyl-1-(1-methylethyl)-1,3- propanediyl ester |
| 64742-47-8 | >= 5.0 - < 15.0 % | Distillates (petroleum), hydrotreated light |
| 64742-96-7 | >= 5.0 - < 15.0 % | Solvent naphtha (petroleum), heavy aliph. |
| 1305-78-8 | >= 0.0 - < 0.2 % | calcium oxide |

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4. FIRST AID MEASURES

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways positions (recover position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Immediately wash thoroughly with soap and water, see medical attention.

If in eyes:

Wash affected areas for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Rinse mouth and then drink 200 – 300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: No hazards anticipated.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:
water spray, dry powder, carbon dioxide, foam

Special hazards arising from the substance or mixture:

Hazards during fire-fighting:
No particular hazards known.

Advice for fire-fighters

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Further accidental release measures:

High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

Environmental precautions

Do not empty into drains. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Spills should be contained, solidified, and placed in suitable containers for disposal.

7. HANDLING & STORAGE

Precautions for safe handling

Ensure thorough ventilation of stores and work areas. Protect against moisture.

Protection against fire and explosion:

No explosion proofing necessary.

Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds. Segregate from acids. Segregate from oxidants.

Suitable materials for containers: carbon steel (iron), High density polyethylene (HDPE), Low density polyethylene (LDPE),
Stainless steel 1.4301 (V2)

Further information on storage conditions: No special precautions necessary. Avoid extreme heat. Store protected against freezing.

Storage stability:

Storage temperature: 60 - 80°F (16 - 27 °C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with occupational exposure limits

| | | |
|--|-----------------------|---|
| calcium oxide | OSHA PEL ACGIH TLV | PEL 5 mg/m ³ ; TWA value 5 mg/m ³ ; TWA value 2 mg/m ³ ; |
| Distillates (petroleum), hydrotreated light | ACGIH TLV | TWA value 200 mg/m ³ Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures. Skin Designation Non-aerosol (total hydrocarbon vapor); The substance can be absorbed through the skin. TWA value 200 mg/m ³ Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures. Skin Designation Non-aerosol (total hydrocarbon vapor); The substance can be absorbed through the skin. |

Advice on system design:

Provide local exhaust ventilation to control vapors/mists.

Personal protective equipment

Respiratory protection:

Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator as needed.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Wear face shield or tightly fitting safety goggles (chemical goggles) if splashing hazard exists.

Body protection:

Standard work clothes and shoes.

General safety and hygiene measures:

Avoid contact with skin. Handle in accordance with good industrial hygiene and safety practice. Wear protective clothing as necessary to prevent contact. Avoid inhalation of vapors/mists. Wash soiled clothing immediately.

9. PHYSICAL & CHEMICAL PROPERTIES

| | | |
|---|---|--|
| Form: | liquid | |
| Odor: | slight odor | |
| Odor threshold: | | not applicable |
| Color: | colorless, cloudy | |
| pH value: | 7.0 | |
| Freezing point: | 0.00 °C (32°F) | |
| Boiling point: | 200.00 °C (392°F) | |
| Sublimation point: | | No applicable information provided |
| Flash point: | >61.00°C (>141.8°F) | (closed cup) |
| Flammability | not flammable | |
| Lower explosion limit: | | For liquids not relevant for classification and labeling. The lower explosion point may be 5 - 15°C (41 - 59°F) below the flash point. |
| Upper explosion limit: | | For liquids not relevant for classification and labeling. |
| Autoignition: | >250.00° C (482°F) | |
| Vapor pressure: | 0.45 mmHg | (20.00 °C) 68°F |
| Density: | 8.3100 lb/USg | (25.00 °C) 77°F |
| Relative density: | | no applicable information available. |
| Vapor density: | | not applicable |
| Partitioning coefficient n-octanol/water (log Pow): | | not applicable |
| Self-ignition temperature: | | Not self-igniting. |
| Thermal decomposition: | No decomposition if stored and handled as prescribed/indicated. | |
| Viscosity, dynamic: | 400.000 mPa.s (cps) | (25.00 °C) 77°F |
| Viscosity, kinematic: | | no applicable information available |
| Solubility in water: | | Slightly soluble. |
| Solubility (quantitative): | | no applicable information available |
| Solubility (qualitative): | | no applicable information available |
| Evaporation rate: | | Value can be approximated from Henry's Law Constant or vapor pressure. |
| Other Information: | If necessary, information on other physical and chemical parameters is indicated in this section. | |

10. STABILITY & REACTIVITY

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

No corrosive effect on metal.

Oxidizing properties:

Not an oxidizer.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated

Conditions to avoid

Conditions to avoid:

Temperature: <0 degrees Celsius (<32 degrees Fahrenheit)

Incompatible materials

Substances to avoid:

Acids, oxidizing agents, isocyanates

Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: carbon monoxide, carbon dioxide, nitrogen oxide, hydrogen cyanide

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. TOXICOLOGICAL INFORMATION

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: No known acute effects.

Oral

No applicable information available.

Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects Assessment of

STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

Origin of data: expert judgement

Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation.

Sensitization

Assessment of sensitization: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Aspiration Hazard

May also damage the lung at swallowing (aspiration hazard).

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: Repeated oral uptake of the substance did not cause substance-related effects. Repeated inhalative uptake of the substance did not cause substance-related effects. Repeated dermal uptake of the substance did not cause substance-related effects.

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. No applicable information available.

Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Medical conditions aggravated by overexposure

Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Acutely harmful for aquatic organisms. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

Poorly biodegradable.

Elimination information

Poorly biodegradable.

Bioaccumulative potential

Assessment bioaccumulation potential

Does not significantly accumulate in organisms.

Mobility in soil

Assessment transport between environmental compartments

Adsorption to solid soil phase is not expected.

Additional information

Adsorbable organically-bound halogen (AOX):

This product contains no organically-bound halogen.

Other ecotoxicological advice:

The product has not been tested. Do not discharge product into the environment without control.

13. DISPOSAL CONSIDERATIONS

Waste disposal of substance:

Incinerate or dispose of in a licensed facility. Do not discharge substance/product into sewer system.

Container disposal:

Steel drums must be emptied and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer or an approved landfill. Do not attempt to refill or clean containers since residue is difficult to remove. Under no circumstances should empty drums be burned or cut open with gas or electric torch as toxic decomposition products may be liberated. Do not reuse empty containers.

14. TRANSPORTATION INFORMATION

Land Transport:

USDOT Classified as combustible liquid in containers greater than 119 gallons.

Sea Transport:

IMDG Not classified as a dangerous good under transport regulations

Air Transport:

IATA/ICAO Not classified as a dangerous good under transport regulations

15. REGULATORY INFORMATION

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories):

Acute; Fire

State regulations

State RTK

MA, NJ, PA
MA, NJ, PA

CAS Number

64742-47-8
1305-78-8

Chemical name

Distillates (petroleum), hydrotreated light
calcium oxide

CA Prop. 65:

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

NFPA Hazard codes:

Health : 2 Fire: 2 Reactivity: 1 Special:

HMIS III rating

Health: 2 Flammability: 2 Physical hazard: 1

16. OTHER INFORMATION

SDS Prepared by:

Technical Services

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR

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