

Salt Defense

Safety Data Sheet

SECTION 1: Product and company identification

Product name : Salt Defense
 Use of the substance/mixture : Coating
 Product code : 038602 0386
 Company : Share Corporation
 P.O. Box 245013
 Milwaukee, WI 53224 - USA
 T (414) 355-4000
 Emergency number : Chemtrec: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Flam. Liq. 3 H226
 Skin Sens. 1 H317
 Carc. 2 H351
 Asp. Tox. 1 H304

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

Flammable liquid and vapor
 May be fatal if swallowed and enters airways
 May cause an allergic skin reaction
 Suspected of causing cancer

Precautionary statements (GHS-US) :

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Keep away from heat, open flames, sparks. - No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical, lighting equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Avoid breathing mist, spray
 Contaminated work clothing must not be allowed out of the workplace
 Wear eye protection, protective clothing, protective gloves
 If swallowed: Immediately call a doctor, a POISON CENTER
 If on skin: Wash with plenty of soap and water.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
 If exposed or concerned: Get medical advice/attention
 Specific treatment (see First aid measures on this label)
 Do NOT induce vomiting
 If skin irritation or rash occurs: Get medical advice/attention
 Take off contaminated clothing and wash it before reuse
 In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder, foam to extinguish
 Store in a well-ventilated place. Keep cool
 Store locked up
 Dispose of contents/container to comply with local/regional/national/international regulations.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2. Mixture

| Name | Product identifier | % | Classification (GHS-US) |
|---|---------------------|--------------|---|
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | (CAS No) 64742-47-8 | 60.0 - 100.0 | Flam. Liq. 4, H227 Asp. Tox. 1, H304 |
| xylene | (CAS No) 1330-20-7 | 1.0 - 5.0 | Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 |
| cumene | (CAS No) 98-82-8 | 0.5 - 1.5 | Flam. Liq. 3, H226 Carc. 2, H351 STOT SE 3, H335 Asp. Tox. 1, H304 |
| (+)-limonene | (CAS No) 5989-27-5 | 0.1 - 1.0 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 |

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse immediately with plenty of water.
- First-aid measures after ingestion : Do not induce vomiting. Immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May be fatal if swallowed and enters airways. May cause an allergic skin reaction. Suspected of causing cancer.
- Symptoms/injuries after inhalation : Coughing. May cause an allergic skin reaction.
- Symptoms/injuries after skin contact : May cause an allergic skin reaction.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely irritating.
- Symptoms/injuries after ingestion : May be harmful if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Carbon dioxide. Dry chemical powder. Foam.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Flammable liquid and vapor.
- Reactivity : Upon combustion: CO and CO₂ are formed.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : No flames, No sparks. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

- Protective equipment : Protective goggles. Gloves. Protective clothing.
- Emergency procedures : Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

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6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain released substance, pump into suitable containers.
 Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.
 Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.
 Storage conditions : Keep container tightly closed.
 Incompatible products : Oxidizing agent.
 Incompatible materials : Sources of ignition.
 Storage area : Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.
 Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| xylene (1330-20-7) | | |
|---------------------------|------------------|----------------------------------|
| ACGIH | ACGIH TWA (ppm) | 100 ppm |
| ACGIH | ACGIH STEL (ppm) | 150 ppm |
| ACGIH | Remark (ACGIH) | URT & eye irr; CNS impair |
| cumene (98-82-8) | | |
| ACGIH | ACGIH TWA (ppm) | 50 ppm |
| ACGIH | Remark (ACGIH) | Eye, skin, & URT irr; CNS impair |

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.
 Personal protective equipment : Gloves. Safety glasses. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
 Appearance : Clear, colorless liquid.
 Odor : lemon-like
 Odor threshold : No data available
 pH : No data available
 Melting point : No data available
 Freezing point : No data available
 Boiling point : No data available
 Flash point : 103 °F Closed Cup
 Relative evaporation rate (butyl acetate=1) : No data available
 Flammability (solid, gas) : No data available
 Explosion limits : No data available



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| | |
|---------------------------------|-----------------------|
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Vapor pressure | : No data available |
| Relative density | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Specific gravity / density | : 0.79 g/ml |
| Solubility | : Insoluble in water. |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : < 20 cSt |
| Viscosity, dynamic | : No data available |
| VOC content | : > 90 % |

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO2 are formed.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| | |
|---------------------------|----------------------------|
| xylene (1330-20-7) | |
| LC50 inhalation rat (ppm) | 4550 ppmV/4h |
| ATE CLP (dermal) | 1100.000 mg/kg body weight |
| ATE CLP (gases) | 4550.000 ppmV/4h |
| ATE CLP (dust, mist) | 1.500 mg/l/4h |

| | |
|--|---|
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
| LD50 dermal rabbit | > 5000 mg/kg body weight (Rabbit; Literature) |

| | |
|---------------------------------|---|
| (+)-limonene (5989-27-5) | |
| LD50 oral rat | 4400 mg/kg body weight (Rat; OECD 423: Acute Oral Toxicity – Acute Toxic Class Method; Literature study; > 2000 mg/kg bodyweight; Rat; Read-across) |
| LD50 dermal rabbit | > 5000 mg/kg body weight (Rabbit; Weight of evidence; Equivalent or similar to OECD 402) |
| ATE CLP (oral) | 4400.000 mg/kg body weight |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Not classified |
| Respiratory or skin sensitization | : May cause an allergic skin reaction. |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Suspected of causing cancer. |

| | |
|---------------------------|----------------------|
| xylene (1330-20-7) | |
| IARC group | 3 - Not Classifiable |

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| | |
|--|--|
| cumene (98-82-8) | |
| IARC group | 2B - Possibly Carcinogenic to Humans |
| (+)-limonene (5989-27-5) | |
| IARC group | 3 - Not Classifiable |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : May be fatal if swallowed and enters airways. |
| Symptoms/injuries after inhalation | : Coughing. May cause an allergic skin reaction. |
| Symptoms/injuries after skin contact | : May cause an allergic skin reaction. |
| Symptoms/injuries after eye contact | : Direct contact with the eyes is likely irritating. |
| Symptoms/injuries after ingestion | : May be harmful if swallowed and enters airways. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|---|
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
| LC50 fish 1 | > 100 mg/l (Pisces) |
| EC50 Daphnia 1 | > 100 mg/l (Invertebrata) |
| Threshold limit algae 1 | > 100 mg/l (Algae) |
| (+)-limonene (5989-27-5) | |
| LC50 fish 1 | 720 µg/l (96 h; Pimephales promelas; Lethal) |
| EC50 Daphnia 1 | 0.36 mg/l (48 h; Daphnia magna; GLP) |
| LC50 fish 2 | 702 µg/l (96 h; Pimephales promelas) |
| Threshold limit algae 1 | 150 mg/l (72 h; Desmodesmus subspicatus; GLP) |
| Threshold limit algae 2 | 2.62 mg/l (72 h; Desmodesmus subspicatus) |

12.2. Persistence and degradability

| | |
|--|--|
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
| Persistence and degradability | Readily biodegradable in water. Adsorbs into the soil. |
| (+)-limonene (5989-27-5) | |
| Persistence and degradability | Readily biodegradable in water. Forming sediments in water. Adsorbs into the soil. |
| ThOD | 3.29 g O /g substance |

12.3. Bioaccumulative potential

| | |
|--|--|
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) | |
| Log Pow | 6 - 8.2 |
| Bioaccumulative potential | High potential for bioaccumulation (Log Kow > 5). |
| (+)-limonene (5989-27-5) | |
| BCF fish 1 | 864.8 - 1022 (Pisces; Fresh weight) |
| Log Pow | 4.38 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 37 °C) |
| Bioaccumulative potential | Potential for bioaccumulation (4 Log Kow 5). |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

Department of Transportation (DOT)

Additional information

Other information : When transported by ground in non-bulk containers, this product utilizes the exception found under 49 CFR 173.150.

ADR

No additional information available



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Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

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

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

| | | |
|--------|------------------|-----------|
| xylene | CAS No 1330-20-7 | 1.0 - 5.0 |
| cumene | CAS No 98-82-8 | 0.5 - 1.5 |

| | |
|---|--------|
| xylene (1330-20-7) | |
| Listed on SARA Section 313 (Specific toxic chemical listings) | |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 100 lb |

| | |
|---|---------|
| cumene (98-82-8) | |
| Listed on SARA Section 313 (Specific toxic chemical listings) | |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 5000 lb |

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

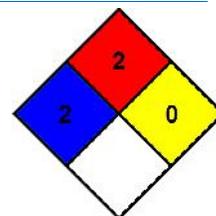
Full text of H-phrases:

| | |
|---------------------------|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal) Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhalation) Category 4 |
| Asp. Tox. 1 | Aspiration hazard Category 1 |
| Carc. 2 | Carcinogenicity Category 2 |
| Flam. Liq. 3 | Flammable liquids Category 3 |
| Flam. Liq. 4 | Flammable liquids Category 4 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| Skin Sens. 1 | Skin sensitization Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H226 | Flammable liquid and vapor |
| H227 | Combustible liquid |
| H304 | May be fatal if swallowed and enters airways |
| H312 | Harmful in contact with skin |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |
| H351 | Suspected of causing cancer |

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NFPA health hazard : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard : 2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

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