



Safety Data Sheet

This safety data sheet complies with the requirements of: 2012 OSHA Hazard Communication Standard (29CFR 1910.1200)

Product name Spill-X-C® Caustic Neutralizer

1. Identification

1.1. Product Identifier

Product name Spill-X-C® Caustic Neutralizer

1.2. Other means of identification

Product code 076396
Synonyms None
Chemical Family No information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use Spill Control Products.
Uses advised against Consumer use.

1.4. Details of the Supplier of the Safety Data Sheet

Company Name Tyco Fire Protection Products
One Stanton Street
Marinette, WI 54143-2542
Telephone: 715-735-7411
Contact point Product Stewardship at 1-715-735-7411
E-mail address psra@tycofp.com

1.5. Emergency Telephone Number

Emergency telephone CHEMTREC 001-800-424-9300 or 001-703-527-3887

2. Hazards Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation - Category 2A

2.2. Label Elements

Signal Word

WARNING

Hazard Statements

Causes serious eye irritation
May form combustible dust concentrations in air



Precautionary Statements



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 2 / 9

Prevention

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection.

Response

IF exposed or concerned: Get medical advice/attention.

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.

Storage

Store locked up.

Disposal

Dispose of contents/container to an approved waste disposal plant.

2.3. Hazards Not Otherwise Classified (HNOC)

Not Applicable.

2.4. Other Information

May be harmful if swallowed.

3. Composition/information on Ingredients

3.1. Mixture

The following component(s) in this product are considered hazardous under applicable OSHA(USA)

| Chemical name | CAS No. | weight-% |
|---------------|------------|----------|
| Fumaric Acid | 110-17-8 | 10 - 30 |
| Attapulgate | 12174-11-7 | 10 - 30 |

4. First aid measures

4.1. Description of first aid measures

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin contact Wash skin with soap and water. Get medical attention if irritation develops and persists.

Inhalation Remove to fresh air. If breathing is difficult, give oxygen. (Get medical attention immediately if symptoms occur.).

Ingestion Rinse mouth. Do not induce vomiting without medical advice. Aspiration hazard if swallowed - can enter lungs and cause damage. If swallowed, call a poison control center or physician immediately.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms Eye irritation.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

Note to physicians Effects of exposure (inhalation, ingestion or skin contact) to substance may be delayed.



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 3 / 9

5. Fire-fighting measures

5.1. Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Unsuitable Extinguishing Media

None.

5.3. Specific Hazards Arising from the Chemical

None known.

| | |
|--------------------------------------|---------------|
| Hazardous Combustion Products | Carbon oxides |
|--------------------------------------|---------------|

5.4. Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

5.5. Protective Equipment and Precautions for Firefighters

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

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|-----------------------------|----------------------|
| Personal Precautions | Do not breathe dust. |
|-----------------------------|----------------------|

| | |
|---------------------------------|---|
| For emergency responders | Use personal protection recommended in Section 8. |
|---------------------------------|---|

6.2. Environmental Precautions

| | |
|----------------------------------|--|
| Environmental Precautions | Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information. |
|----------------------------------|--|

6.3. Methods and material for containment and cleaning up

| | |
|--------------------------------|---|
| Methods for Containment | If sweeping of a contaminated area is necessary use a dust suppressing agent which does not react with product. Prevent further leakage or spillage if safe to do so. |
|--------------------------------|---|

| | |
|--------------------------------|--|
| Methods for Cleaning Up | Sweep up and shovel into suitable containers for disposal. Clean up material with vacuum equipped with HEPA filter. Following product recovery, flush area with water. |
|--------------------------------|--|

7. Handling and Storage

7.1. Precautions for Safe Handling

| | |
|--------------------------------|---|
| Advice on safe handling | Avoid generation of dust. Do not breathe dust. Do not enter storage areas or confined spaces unless adequately ventilated. Handle in accordance with good industrial hygiene and safety practice. |
|--------------------------------|---|



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 4 / 9

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a cool, well-ventilated place. Guard against dust accumulation of material. Use care in handling/storage.

Incompatible Materials None known.

8. Exposure Controls/Personal Protection

8.1. Control Parameters

Exposure guidelines

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH IDLH | Mexico OEL |
|--------------------------|---|----------|------------|------------|
| Attapulgit 12174-11-7 | TWA: 1 mg/m ³ respirable particulate matter | - | - | - |

ACGIH (American Conference of Governmental Industrial Hygienists) OSHA (Occupational Safety and Health Administration of the US Department of Labor) NIOSH IDLH Immediately Dangerous to Life or Health

8.2. Appropriate Engineering Controls

Engineering controls Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures, such as personal protective equipment

Eye/Face Protection Avoid contact with eyes. Tight sealing safety goggles.

Skin and Body Protection Wear protective gloves and protective clothing.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

Ventilation Use local exhaust or general dilution ventilation to control exposure with applicable limits

8.4. General hygiene considerations

Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Keep away from food, drink and animal feeding stuffs. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State powder

Odor None

Odor Threshold No data available

Color Light brown

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|-------------------------------|-------------------|-------------------------|
| pH | No data available | |
| Melting point/freezing point | No data available | |
| Boiling point / boiling range | No data available | |
| Flash Point | No data available | |
| Evaporation Rate | No data available | |
| Flammability (solid, gas) | No data available | |
| Flammability limit in air | | |
| Upper flammability limit: | No data available | |
| Lower flammability limit: | No data available | |



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 5 / 9

| | |
|------------------------------|-------------------|
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Specific gravity | No data available |
| Water Solubility | No data available |
| Solubility in Other Solvents | No data available |
| Partition coefficient | No data available |
| Autoignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Kinematic viscosity | No data available |

VOC content (%) 18.14

10. Stability and Reactivity

10.1. Chemical Stability

Stable under normal conditions.

10.2. Reactivity

None known

10.3. Possibility of hazardous reactions

None under normal processing.

| | |
|---------------------------------|--|
| Hazardous Polymerization | Hazardous polymerization does not occur. |
|---------------------------------|--|

10.4. Conditions to Avoid

None known.

10.5. Incompatible Materials

None known.

10.6. Hazardous decomposition products

Carbon oxides.

11. Toxicological Information

11.1. Information on Likely Routes of Exposure

Product information

| | |
|---------------------|--|
| Inhalation | May cause irritation of respiratory tract. |
| Eye Contact | Severely irritating to eyes. |
| Skin contact | May cause irritation. |
| Ingestion | Ingestion may cause irritation to mucous membranes. May be harmful if swallowed. |

Component Information

Acute Toxicity



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 6 / 9

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------|----------------------|--------------------------|-----------------|
| Fumaric Acid 110-17-8 | = 9300 mg/kg (Rat) | > 20000 mg/kg (Rabbit) | - |

11.2. Information on Toxicological Effects**Symptoms** No information available.**11.3. Delayed and immediate effects** as well as chronic effects from short and long-term exposure**Serious eye damage/eye irritation** Severely irritating to eyes.**Carcinogenicity** Attapulgite (palygorskite fibers) is a hydrated magnesium aluminum silicate. Long palygorskite (attapulgite) fibers (>5 micrometers) are possibly carcinogenic to humans (Group 2B). Short palygorskite (attapulgite) fibers (<5 micrometers) cannot be classified as to their carcinogenicity to humans (Group 3). The attapulgite present in this product contains fibers 0.5-2.5 um range, so would be considered by IARC as Group 3. This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---------------------------|-------|---------|-----|------|
| Attapulgite 12174-11-7 | - | Group 3 | - | X |

*IARC (International Agency for Research on Cancer)**Group 3 - Not Classifiable as to Carcinogenicity in Humans**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**X - Present***Reproductive Toxicity** No information available.**STOT - Single Exposure** No information available.**STOT - Repeated Exposure** No information available.**Target organ effects** Eyes, Lungs, Respiratory System.**Aspiration Hazard** No information available.**11.4. Numerical Measures of Toxicity - Product information**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4598 mg/kg**ATEmix (dermal)** 20572 mg/kg**12. Ecological Information****12.1. Ecotoxicity**

Not classified.

| Chemical name | Algae/aquatic plants | Fish | Crustacea |
|--------------------------|---|--|---|
| Citric Acid 77-92-9 | - | LC50 (96h) static = 1516 mg/L Lepomis macrochirus | EC50 (72h) = 120 mg/L Daphnia magna |
| Fumaric Acid 110-17-8 | EC50 (72h) = 41 mg/L Desmodesmus subspicatus | LC50 (48h) static = 245 mg/L Brachydanio rerio | EC50 (48h) 204 - 220 mg/L Daphnia magna EC50 (24h) = 73.6 mg/L Daphnia magna |

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulation



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 7 / 9

No information available.

| Chemical name | Partition coefficient |
|--------------------------|-----------------------|
| Fumaric Acid 110-17-8 | 0.33 |

12.4. Other Adverse Effects

No information available

13. Disposal Considerations

13.1. Waste Treatment Methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Do not reuse container.

14. Transport Information

| | |
|-------------------|---------------|
| <u>DOT</u> | NOT REGULATED |
| <u>TDG</u> | NOT REGULATED |
| <u>MEX</u> | NOT REGULATED |
| <u>ICAO (air)</u> | NOT REGULATED |
| <u>IATA</u> | NOT REGULATED |
| <u>IMDG</u> | NOT REGULATED |

15. Regulatory Information

15.1. International Inventories

| | |
|----------|-----------------|
| TSCA | Complies |
| DSL/NDSL | Complies |
| ENCS | Does not comply |
| IECSC | Complies |
| KECL | Does not comply |
| PICCS | Complies |
| AICS | Complies |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

15.2. US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any



Product code 076396

/ Product name Spill-X-C® Caustic/
Neutralizer

PAGE 8 / 9

chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic health hazard | No |
| Fire Hazard | No |
| Sudden Release of Pressure Hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Fumaric Acid 110-17-8 | 5000 lb | - | - | X |

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|--------------------------|--------------------------|----------------|--|
| Fumaric Acid 110-17-8 | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

15.3. US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

| Chemical name | California Proposition 65 |
|--------------------------|---------------------------|
| Attapulgite - 12174-11-7 | Carcinogen |

U.S. State Right-to-Know Regulations

| Chemical name | New Jersey | Massachusetts | Pennsylvania |
|--------------------------|------------|---------------|--------------|
| Fumaric Acid 110-17-8 | X | X | X |

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

| | | | | |
|-------------|------------------|----------------|--------------------|------------------------------------|
| NFPA | Health Hazards 2 | Flammability 0 | Instability 0 | Physical and chemical properties - |
| HMIS | Health Hazards 2 | Flammability 0 | Physical Hazards 0 | Personal Protection X |

Revision date 12-Feb-2019

Revision note No information available.

Disclaimer

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.



Product code 076396

/ **Product name** Spill-X-C® Caustic/
Neutralizer

PAGE 9 / 9

End of Safety Data Sheet