



SAFETY DATA SHEET

PRODUCT NAME **SPILL-X-A**

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Product Name SPILL-X-A Agent

Recommended Use Aid in controlling and cleaning up acid spills.

Name of the Supplier Tyco Safety Products

Address 8 Henderson Place
Onehunga
Auckland 1061

Private Bag 93011
New Lynn
Auckland 0640

Telephone Number +64 9 6350755
Fax +64 9 2592485

Emergency Telephone '0800CHEMCALL' - 0800243622

2. HAZARD IDENTIFICATION

HSNO Classification

6.3B – substances that are mildly irritating to the skin
6.4A – substances that are irritating to the eye
6.9B – substances that are harmful to human target organs or systems

EU Classification

FOR HUMANS:

Product:

EU Classification: Xi. Irritant,
R Phrases: 36/37/38 Irritating to eyes, respiratory system, and skin.
S Phrases: 2 Keep out of the reach of children.
22 Do not breathe dust.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Components:

Sodium Carbonate:

EU Classification: Xi Irritant.
R Phrases: 36 Irritating to eyes.
S Phrases: 2 Keep out of the reach of children.
22 Do not breathe dust.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Magnesium Oxide:

EU Classification: Xi. Irritant,
R Phrases: 36/37/38 Irritating to eyes, respiratory system, and skin.
S Phrases: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Threshold Limit Values:

Nuisance dust limit: OSHA TWA: 15 mg/m³.
ACGIH TLV-TWA: 10 mg/m³.

Magnesium Oxide; Dust limit:

OES (UK): 16.5 mg/m³.

MAC (NL): 10 mg/m³.

VME FRANCE: 6 mg/m³, for fraction <5 µm.

MAK (DE): 6 mg/m³.

Short term exposure:

MAK (DE): 24 mg/m³, 4 times for 15 minutes.

Sodium Carbonate; Dust limit:

OES (UK): 10 mg/m³, 8 hour.

Neither this preparation nor the substances contained in it have been listed as carcinogenic by National Toxicology Program, I.A.R.C., or OSHA.

AS PART OF GOOD INDUSTRIAL AND PERSONAL HYGIENE AND SAFETY PROCEDURE, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes, and clothing.

SIGNS AND SYMPTOMS:

Acute Exposure:

Eye Contact: Irritating to the eyes. Tissue damage can occur if left untreated.

Skin Contact: May be mildly irritating to the skin.

Inhalation: Irritating to nasal and respiratory passages.

Ingestion: May cause gastrointestinal distress and irritation of the mouth and stomach. If untreated, local tissue destruction may occur.

Chronic Overexposure: Cough or sputum production indistinguishable from that which occurs with cigarette smoking. May produce chronic ulcers of skin or mucosa.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Reactive airway.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name: **Magnesium Oxide.**

Chemical Formula: MgO.

CAS No.: 1309-48-4.

EINECS Number: 215-171-9.

Concentration, Wt %: 75-80 %.

Hazard Identification: See Heading 3.

Ingredient Name: **Magnesium Aluminum Silicate** (Attapulgite Clay or Fuller's Earth).

Chemical Formula: Mg_xAl_y(SiO₄)_z.

CAS No.: 8031-18-3.

EINECS Number: (b).

Concentration, Wt %: 11-13 %.

Hazard Identification: See Heading 3.

Proprietary Mixture of:

Ingredient Name: Sodium Carbonate.

Chemical Formula: Na₂CO₃.

CAS No.: 497-19-8.

EINECS Number: 207-838-8.

Concentration, Wt %: <10 %.

Hazard Identification: See Heading 3.

Ingredient Name: Petro AGS.

Chemical Formula: Sodium alkylnaphthalenesulfonate.

CAS No.: Not available.

EINECS Number: (a).

Concentration, Wt %: <1.0 %.

Hazard Identification: See Heading 3.

Ingredient Name: Red Pigment.

Chemical Formula: (C₂₀H₁₄N₂O₄S)₂Ba.

CAS No.: 1103-38-4.

EINECS Number: 214-160-6.

Concentration, Wt %: <0.1 %.

Hazard Identification: See Heading 3.

(a) EINECS does not include synthetic polymers (These are registered in EINECS under their building blocks, monomers.) See: 67/548/EEC, article 13; 79/831/EC; and 81/437/EC.

(b) EINECS does not include most naturally occurring raw materials. See: 67/548/EEC, article 13; 79/831/EC; and 81/437/EC.

NOTE: Unless a component presents a severe hazard, it does not need to be considered in the MSDS if the concentration is less than 1%. [According to Directive 1999/45/EC.]

4. FIRST AID MEASURES

Eye Contact	Flush with large amounts of water for minimum of 15 minutes while holding lids open. Get medical attention.
Skin Contact	Wash with soap and water. Remove contaminated clothing. If irritation persists, get medical attention.
Inhalation	Remove victim to fresh air. Seek medical attention if discomfort continues.
Ingestion	If patient is conscious, give large amounts of water to drink. DO NOT INDUCE VOMITING. Seek medical attention.

5. FIRE FIGHTING MEASURES

This preparation is not flammable.
There are NO extinguishing media which must not be used for safety reasons.
NO special protective equipment is needed for fire-fighters

6. ACCIDENTAL RELEASE MEASURES

For Personal Protection	Prevent skin and eye contact, see Heading 8
Clean up	Sweep up and recover for reuse if not contaminated, otherwise store in a closed vessel until it can be disposed of, See Heading 13
Accidental Release	NO harm to the environment is expected from an accidental release of this preparation

7. HANDLING AND STORAGE

Handling	Do not mix with other Spill Control Agents. Care should be taken in handling all chemical substances and preparations. See incompatibility information in HEADING 10.
Storage	NO special conditions are needed for safe storage. Store in original container or SPILL-GUN applicator. Keep tightly closed until used. See incompatibility information in HEADING 10. There is minimal danger to the environment from a storage release
Specific Use	The intended or recommended use of this preparation is as an AID IN CONTROLLING AND CLEANING UP ACID SPILLS.

8. EXPOSURE CONTROLS

Exposure Limits	Nuisance dust limit: OSHA TWA: 15 mg/m ³ ACGIH TLV-TWA: 10mg/m ³ Magnesium Oxide; Dust limit: OES (UK): 16.5 mg/m ³ . MAC (NL): 10 mg/m ³ . VME FRANCE: 6 mg/m ³ , for fraction <5 um. MAK (DE): 6 mg/m ³ . Short term exposure: MAK (DE): 24 mg/m ³ , 4 times for 15 minutes. Sodium Carbonate; Dust limit: OES (UK): 10 mg/m ³ , 8 hour.
Respiratory Protection:	Mechanical ventilation is recommended. Dust mask where dustiness is prevalent, or TLV is exceeded. Use mechanical filter respirator if exposure is prolonged
Personal Protective Equipment:	
Protective Gloves:	Use chemical resistant gloves when handling the preparation.
Eye Protection:	Chemical goggles are recommended.

Other Protective Equipment: Use long sleeved work clothes.

Environmental Controls: Keep from entering surface water. For harm to the environment see Heading 12

9. PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance	Red Powder
Odor	Odorless
pH	Not determined
Flammability	Not flammable
Explosive Properties	Not Explosive
Oxidizing Properties	Not an oxidizer
Vapor Pressure	not applicable
Solubility:	
Water Solubility	Slightly less than 9%
Fat Solubility	Not soluble
Partition coefficient, n-octanol/water:	Not determined.
Viscosity:	Not applicable.
Vapor density (Air = 1):	Not applicable.
Evaporation rate:	Not applicable.
Other information	Auto-ignition temperature: Does not ignite.

10. STABILITY AND REACTIVITY

Conditions to avoid	There are NO known conditions such as temperature, pressure, light, shock, etc., which may cause a dangerous reaction
Materials to avoid	Interhalogens, phosphorous pentachloride, chlorine trifluoride
Hazardous decomposition products:	
	<ul style="list-style-type: none">• Normally stable• Hazardous polymerization will not occur.• Combustion or decomposition products have not been determined.

11. TOXICOLOGICAL INFORMATION

This product has not been tested for toxicological effects.

Components:

Magnesium Oxide:

Toxicity Data:	No data was found.
Irritation Data:	Skin (human) Slightly irritating.
Eye (human)	Slightly irritating.

Sodium Carbonate:

Irritation Data:	Skin (rabbit) 500 mg/24 hours Mild.
Eye	(rabbit) 50 mg. Severe.

Toxicity Data: Oral	(rat) LD ₅₀ 4090 mg/kg.
Inhalation	(rat) LC ₅₀ 2300 mg/m ³ /2 hrs

Target Organs: Gastrointestinal.

Magnesium Aluminum Silicate (Attapulgite Clay or Fuller's Earth):

Irritating to eyes, skin, mucous membranes.

Target Organs: Lungs.

12. ECOLOGICAL INFORMATION

Magnesium Oxide:

No data was found.

Sodium Carbonate:

Acute Toxicity:

Fish: *Gambusia affinis*: LC50 (96 hrs) = 740 mg/L.

Lapomis macrochirus: LC50 (96 hrs) = 300 mg/L.

Invertebrates: *Daphnia magna*: LC50 (24 hrs) = 196 mg/L

Dugesia sp. LC50 (48 hrs) = 360 mg/L.

Algae: *Nitzschia* sp. LC50 (5 day) = 1050 mg/L.

Chronic Toxicity:

Fish: *Oncorhynchus* sp. LC100 (5 day) = 68-70 mg/L.

Salmo clarki LC100 (5 day) = 80 mg/L.

12.2. Mobility

Not determined.

12.3. Persistence and degradability

Not determined.

12.4. Bioaccumulative potential

Not determined.

12.5. Other adverse effects

Ozone depletion potential: None.

Photochemical ozone creation potential: None

Global warming potential: Carbon dioxide, from decomposition or reaction of the sodium carbonate, is a global warming gas.

13. DISPOSAL CONSIDERATIONS

No harm to the environment is expected from this preparation. See Heading 12.

Dispose of in compliance with national, regional, and local provisions that may be in force.

Substance must be rendered non hazardous for disposal or exported as hazardous waste.

14. TRANSPORT INFORMATION

Hazard Class or Division: Not a hazardous substance

For additional transport information, contact Ansul Incorporated.

No harm to the environment is expected from this preparation.

15. REGULATORY INFORMATION

HSNO Approval

N.O.S. (Subsidiary Hazard) Group Standard 2006

Approval No HSR002624

Product:

EU Classification: Xi. Irritant,

R Phrases: 36/37/38 Irritating to eyes, respiratory system, and skin.

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MAK (DE): 6 mg/m³.

Short term exposure:

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Sodium Carbonate; Dust limit:

OES (UK): 10 mg/m³, 8 hour.

EINECS Status: All components are included in EINECS inventories or are exempt from listing.

EPA TSCA Status: All components are included in TSCA inventories or are exempt from listing.

Canadian DSL (Domestic Substances List): All components are included in the DSL or are exempt from listing.

Environmental restrictions: None are known.

Restrictions on Marketing and Use: None are known.

Refer to any other national measures that may be relevant.

16. OTHER INFORMATION

Format is from directive 2001/58/EC.

EINECS data is from <http://exb.jrc.it/existing-chemicals/>

Data used to compile the data sheet is from Ansul Material Safety Data Sheet, May, 2000.

ESIS files (Existing Substances Information System).

Toxicological information added from the EINECS ESIS (Existing Substances Information System).

A rating under WHMIS has been added, following the Canadian guidelines.

17. DISCLAIMER

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Ansul shall not be held liable for any damage resulting from handling or from contact with the above product.

(whmis) canadian workplace hazardous material identification system ratings:

This product is rated: **d2b – irritating to eyes and skin.**

(hmis) hazardous material identification system ratings:

Health: 1	4. Severe hazard
Flammability: 0	3. Serious hazard
Reactivity: 0	2. Moderate hazard
	1. Slight hazard
	0. Minimal hazard

Date of Preparation: 13 October 2010

Reviewed by Responsible Care 15 August 2013