

# Safety Data Sheet

## Hazardous, NON-Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Nullifire SC902 Part A

#### Recommended use:

**Supplier:** Tremco CPG Australia Pty Ltd  
**ABN:** 25 000 024 064  
**Street Address:** 12/4 Southridge Street  
Eastern Creek NSW 2766  
**Telephone:** 02 9638 2755  
**Facsimile:** 02 9638 2955

**Emergency Telephone number:** 02 9037 2994 (Aus) +1 703-741-5500 (Worldwide)

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to the criteria of Safe Work Australia GHS 7.



#### Signal Word

Warning

#### Hazard Classifications

Carcinogenicity - Category 2  
Reproductive Toxicity - Category 2  
Specific Target Organ Toxicity (Repeated Exposure) - Category 2

#### Hazard Statements

H351 Suspected of causing cancer.  
H361 Suspected of damaging fertility or the unborn child .  
H373 May cause damage to organs through prolonged or repeated exposure.

#### Prevention Precautionary Statements

P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breathe dust, fume, gas, mist, vapours or spray.  
P280 Wear protective gloves/protective clothing including eye/face protection.

#### Response Precautionary Statements

P101 If medical advice is needed, have product container or label at hand.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P314 Get medical advice/attention if you feel unwell.

#### Storage Precautionary Statement

P405 Store locked up.

#### Disposal Precautionary Statement

P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

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Poison Schedule:

## DANGEROUS GOOD CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO	PROPORTION
1,3,5-Triazine-2,4,6-triamine	108-78-1	10-<20 %
Xylene	1330-20-7	5-<10 %
1,2-Benzenedicarboxylic acid, diisononyl ester	28553-12-0	1-<5 %
Benzene, ethyl-	100-41-4	1-<5 %
2,5-Furandione	108-31-6	<0.001 %
Ingredients determined to be Non-Hazardous		Balance
		100%

### 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin Contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

**Ingestion:** Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**PPE for First Aiders:** Wear overalls, gloves, chemical goggles, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Notes to physician:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).

**Specific hazards:** Combustible material.

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**Fire fighting further advice:** On burning or decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion or decomposition.

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to Section 13. Ensure adequate ventilation.

### LARGE SPILLS

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of contaminated material as waste according to Section 13. Ensure adequate ventilation.

**Dangerous Goods - Initial Emergency Response Guide No:** Not applicable

## 7. HANDLING AND STORAGE

**Handling:** Ensure good ventilation/exhaustion at the workplace. Avoid contact with the eyes and skin. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Information about fire - and explosion protection: Flammable liquid and vapour. Keep ignition sources away - Do not smoke. Protect against electrostatic charges.

**Storage:** Requirements to be met by storerooms and receptacles: Store only in unopened original receptacles. Provide ventilation for receptacles. Information about storage in one common storage facility: Protect from heat and direct sunlight. Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. Storage temperature: 0°C to +35°C

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**National occupational exposure limits:**

	TWA		STEL		NOTICES
	ppm	mg/m3	ppm	mg/m3	
Ethyl benzene	100	434	125	543	-
Maleic anhydride	0.25	1			Sen
Xylene	80	350	150	655	

As published by Safe Work Australia.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

'Sen' Notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

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If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering Measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Use with local exhaust ventilation or while wearing appropriate respirator.

**Personal Protection Equipment:** OVERALLS, GLOVES, CHEMICAL GOGGLES, RESPIRATOR.

Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.

Wear overalls, gloves, chemical goggles, respirator. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

**Hygiene measures:** Ensure good ventilation/exhaustion at the workplace. Do not breathe spray. Do not eat, drink, smoke or sniff while working. Avoid contact with the eyes and skin. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form:</b>	Viscous Liquid
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic
<b>Solubility:</b>	(water) Immiscible / difficult to mix.
<b>Density:</b>	@20°C - 1.55 g/cm <sup>3</sup>
<b>Vapour Pressure:</b>	Not determined.
<b>Flash Point (°C):</b>	39 °C
<b>Autoignition Temperature (°C):</b>	500 °C
<b>Melting Point/Range (°C):</b>	Undetermined.
<b>Boiling Point/Range (°C):</b>	137-143 °C (CAS: 1330-20-7 xylene (mix))
<b>Total VOC (g/Litre):</b>	Solvent content: -VOC(EU) 139.0g/l --- VOC(EC) 139g/l -8.96%
<b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

(Typical values only - consult specification sheet)  
N Av = Not available, N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

**Conditions to avoid:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** Nitrogen oxides Carbon monoxide and carbon dioxide

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**Hazardous reactions:** Reacts with acids, alkalis and oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**Skin contact:** Slight irritation possible. May cause an allergic skin reaction.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Eye contact:** Slight irritation possible.

### Acute toxicity

**Inhalation:** This material has been classified as not hazardous for acute inhalation exposure. Acute toxicity estimate (based on ingredients):  $LC_{50} > 20.0$  mg/L for vapours or  $LC_{50} > 5.0$  mg/L for dust and mist.

1330-20-7 xylene (mix)  $LC_{50}$  (Rat): 4 h, 27.124 mg/L (Method: Inhalative)

1330-20-7 xylene (mix)  $LC_{50}$  (Rat): 4 h, 5,000 ppmV (Method: inhalation)

**Skin contact:** This material has been classified as not hazardous for acute dermal exposure. Acute toxicity estimate (based on ingredients):  $LD_{50} > 2,000$  mg/Kg bw

1330-20-7 xylene (mix)  $LD_{50}$  (Rabbit):  $>5,000$  mg/kg (Method: Dermal)

100-41-4 ethylbenzene  $LD_{50}$  (Rabbit): 17,800 mg/kg (Method: Dermal)

108-31-6 maleic anhydride  $LD_{50}$  (Rabbit): 2,620 mg/kg (Method: Dermal)

**Ingestion:** This material has been classified as not hazardous for acute ingestion exposure. Acute toxicity estimate (based on ingredients):  $LD_{50} > 2,000$  mg/Kg bw

108-78-1 melamine  $LD_{50}$  (Rat): 3,161 mg/kg (Method: Oral)

1330-20-7 xylene (mix)  $LD_{50}$  (Rat): 3,523 mg/kg (Method: Oral)

100-41-4 ethylbenzene  $LD_{50}$  (Rat): 3,500 mg/kg (Method: Oral)

108-31-6 maleic anhydride  $LD_{50}$  (Rat): 400 mg/kg (Method: Oral)

**Corrosion/Irritancy:** Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

**Sensitisation:** Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.

**Aspiration hazard:** This material has been classified as not an aspiration hazard.

**Specific target organ toxicity (single exposure):** This material has been classified as not a specific hazard to target organs by a single exposure.

### Chronic Toxicity

**Mutagenicity:** This material has been classified as not a mutagen.

**Carcinogenicity:** This material has been classified as a Category 2 Hazard.

**Reproductive toxicity (including via lactation):** This material has been classified as a Category 2 Hazard.

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**Specific target organ toxicity (repeat exposure):** This material has been classified as a Category 2 Hazard.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

**Acute aquatic hazard:** Do not allow to enter sewers/ surface or ground water. Avoid transfer into the environment. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Long-term aquatic hazard:** Do not allow to enter sewers/ surface or ground water. Avoid transfer into the environment. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

1330-20-7 xylene (mix) 48hr EC50 (Daphnia magna): 2.93-4.4 mg/L

1330-20-7 xylene (mix) 72hr IC50 (algae): 2.2 mg/L

1330-20-7 xylene (mix) 96hr IC50 (rainbow trout): 4.2 mg/L

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

## 13. DISPOSAL CONSIDERATIONS

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.· Uncleaned packaging:· Recommendation: Disposal must be made according to official regulations. Packagings that may not be cleansed are to be disposed of in the same manner as the product. Non contaminated packagings may be recycled.

## 14. TRANSPORT INFORMATION

### ROAD AND RAIL TRANSPORT

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### MARINE TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### AIR TRANSPORT

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## 15. REGULATORY INFORMATION

**This material is not subject to the following international agreements:**

Montreal Protocol (Ozone depleting substances)

The Stockholm Convention (Persistent Organic Pollutants)

The Rotterdam Convention (Prior Informed Consent)

Basel Convention (Hazardous Waste)

International Convention for the Prevention of Pollution from Ships (MARPOL)

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**This material/constituent(s) is covered by the following requirements:**

The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) established under the Therapeutic Goods Act (Commonwealth): .

## 16. OTHER INFORMATION

Reason for issue: First Issue

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.