

SAFETY DATA SHEET

A.W.F. SAFETY GRIP ACTIVATOR

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	A.W.F. Safety Grip Activator
Supplier	A.W.F. SMS Ltd
Address	Unit I D Brymau 3 Estate River Lane Saltney Chester, CH4 8RQ
Phone Number	01244 - 677833
Fax Number	01244 - 677844

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components in Product for EC

AminoTerminated Polyether

Codes	Concentration	R Phrases	Classification
009046-10-0	10.00%-15.00%	R34, R21/22	C, Xn

Benzene 1.3-dimethanamine

Codes	Concentration	R Phrases	Classification
001477-55-0	5.00%-10.00%	R20/22, R35	C, Xn

Nonylphenol

Codes	Concentration	R Phrases	Classification
025154-52-3	5.00%-10.00%	R22,R34	C, Xn

Paratertiarybutylphenol

Codes	Concentration	R Phrases	Classification
000096-54-4	5.00%-10.00%	R22, R36/37/38	Xi, Xn

Trimethylhexmethylenediamine

Codes	Concentration	R Phrases	Classification
003236-53-1	1.00%-5.00%	R35, R22,R43	C, Xn, Xi

2-Piperazine-1-Ylethylamine

Codes	Concentration	R Phrases	Classification
000140-31-8	1.00%-5.00%	R20/22	Xn

Mannich Base

Codes	Concentration	R Phrases	Classification
Preparation	10.00%-15.00%	R34,R43	C

3. HAZARDS IDENTIFICATION

Main Hazards

R35 Causes severe burns.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R43 May cause sensitisation by skin contact.

4. FIRST AID MEASURES

Eye Contact Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention urgently.

Skin Contact

Remove contaminated clothing. Wash skin thoroughly with soap and water. Obtain medical attention urgently.

Ingestion

Wash out mouth with water. Do not induce vomiting. Have casualty drink 240-300ml of water to dilute stomach contents. Obtain medical attention.

Inhalation Remove from exposure. Keep warm and at rest. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing Media Use water spray, foam, dry chemical or carbon dioxide.
WPA 704M Ratings Health 2, Flammability 1, Reactivity 0.

6. ACCIDENTAL RELEASE MEASURES

Spillages Contain and absorb using earth, sand or other inert material.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes, skin and clothing.

Storage Store in original containers. Storage temperature should be controlled to between 5 and 40° C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection Rubber gloves should be worn.

Eye Protection Chemical goggles if there is a risk of splashing.

V.O.C. (g/litre) 0

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Thixotropic coloured liquid

Odour Ammoniacal

pH Alkaline

Boiling Range/Point (T) >230

Melting Point (°C) No data

Flash Point (PMCC) (°C) >100

Solubility in water Insoluble

Specific Gravity 1.500

Auto-Flammability (deg C) No data

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions.

Hazardous Decomposition Products

Combustion will generate, oxides of carbon oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity LD50 of formulated product not available, Known LD50s are:-
 Nonyl Phenol Oral LD50 Rat 1090mg/kg.
 Benzyl Alcohol Oral LD50 Rat 1230mg/kg.
 Additional Data No components of this material are listed as carcinogens by OSHA, NTP, ACGIH or IARC.

12. ECOLOGICAL INFORMATION

Mobility Do not allow to enter water courses, waste water or soil.

13. DISPOSAL CONSIDERATIONS

Product/Container Disposal Dispose of in accordance with all applicable local and national regulations.

14. TRANSPORT INFORMATION

UN Number 2735 UN Proper Shipping Name Polyamines liquid, corrosive, n.o.s. (Trimethylhexamethylenediamine mixture).
 UN Class 8 UN Packaging Group 111

15. REGULATORY INFORMATION

Labelling Information Corrosive.
 R phrases R35 Causes severe burns. R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R43 May cause sensitisation by skin contact.
 S Phrases S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap and water. S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (Show label where possible).
 TSCA Listings All components of this mixture are included on TSCA and EINECS inventories.
 EC Annex 1 Classification C – Corrosive
 Xi – Irritant
 Xn – Harmful
 US List of Lists No components of this material are reportable under SARA Section 313.

16. OTHER INFORMATION

Conforms to EEC Directive 91/155/EEC as amended by Directive 93/112/EC

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
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