



The Chemical Company

**SAFETY DATA SHEET
FEBSET NF (HARDNER)**

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME FEBSET NF (HARDNER)
 PRODUCT NO. F351416
 SUPPLIER BASF Construction Chemicals UK
 Albany House
 Swinton Hall Road
 Swinton
 Manchester
 M27 4DT
 0161 794 7411
 NOTE : In cases of emergency
 outside working hours, use
 Telephone Number above. Follow
 instructions from recorded message.
 0161 794 8547

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZENE-1,3-DIMETHANAMINE		1477-55-0	5-10%	Xn;R20/22. C;R35. R43.
METHYLENEDICYCLOHEXALAMINE		1761-71-3	1-5%	Xn;R22. C;R35. Xi;R37. R43.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Two component epoxy resin based product.: Hardener component based on cycloaliphatic/aliphatic amine.

3 HAZARDS IDENTIFICATION

Causes burns. May cause sensitisation by skin contact.

CLASSIFICATION C;R34. R43.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove affected person from source of contamination. Immediately remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Water spray, fog or mist. Foam. Powder.

6 ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS

Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

FEBSET NF (HARDNER)**SPILL CLEAN UP METHODS**

Wear necessary protective equipment. Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

HAND PROTECTION

Use protective gloves made of: Butyl rubber or polyvinyl acetate.

EYE PROTECTION

Use approved safety goggles or face shield.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Paste
COLOUR	Grey
ODOUR	Amine.
SOLUBILITY	Largely immiscible
FLASH POINT (°C)	> 90

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

HAZARDOUS DECOMPOSITION PRODUCTS

High temperatures generate: Toxic gases/vapours/fumes of: Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous Oxides (NO)

11 TOXICOLOGICAL INFORMATION**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Not readily biodegradable

FEBSET NF (HARDNER)**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	AMINES, LIQUID, CORROSIVE, NOS (Contains BENZENE-1, 3-DIMETHANAMINE)		
UN NO. ROAD	2735	ADR CLASS NO.	8
ADR CLASS	Class 8: Corrosive substances.	ADR PACK GROUP	53 (c)
HAZARD No. (ADR)	80	ADR LABEL NO.	8
HAZCHEM CODE	3X	CEFIC TEC(R) NO.	80G15
RID CLASS NO.	8	RID PACK GROUP	53(c)
UN NO. SEA	2735	IMDG CLASS	8
IMDG PAGE NO.	8109-2	IMDG PACK GR.	III
EMS	8-05	MFAG	320
UN NO. AIR	2735	AIR CLASS	8
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS

BENZENE-1,3-DIMETHANAMINE
METHYLENEDICYCLOHEXALAMINE

RISK PHRASES

R34 Causes burns.
R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S1/2 Keep locked up and out of the reach of children.
S20 When using do not eat or drink.
S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27/28 After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of .. (to be specified by the manufacturer)
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).
S56 Dispose of this material and its container to hazardous or special waste collection point.

16 OTHER INFORMATION

REVISION DATE 01/10/01
REV. NO./REPL. SDS GENERATED Issue 1
SDS NO. SDS0217

FEBSET NF (HARDNER)

RISK PHRASES IN FULL

R20/22	Harmful by inhalation and if swallowed.
R22	Harmful if swallowed.
R35	Causes severe burns.
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.