

Safety Data Sheet ADDCURE 943S



Safety Data Sheet dated 9/3/2011, version 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Mixture identification:

Trade name: ADDCURE 943S

1.2 Relevant identified uses of the substance/mixture and uses advised against

1.3 Details of the supplier of the safety data sheet

Company:

Jubail Chemical Industries Company (Jana)

PO Box 11919 Jubail Industrial City, 31961

Saudi Arabia

tel. +966 33478888 ext 555 fax +966 3347 6705

Competent person responsible for the safety data sheet:

CSR@nama.com.sa

1.4 Emergency telephone number

Jana

tel +966 555187961

2. HAZARDS IDENTIFICATION

2.1 Harmful by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Possible risk of impaired fertility. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45)

Xn;R20/21/22. Repr. Cat. 3;R62. C;R34. R43. R52/53.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
1,3BENZENEDINETHANAMINE		1477-55-0	5-10%	T;R23. Xn;R22. C;R34. R43,R52/53.
4,4'-ISOPROPYLIDENEDIPHENOL	201-245-8	80-05-7	5-10%	Repr. Cat. 3;R62 Xi;R37,R41 R43
BENZYL ALCOHOL	202-859-9	100-51-6	30 - 60%	Xn;R20/22
ISOPHORONEDIAMINE	220-666-8	2855-13-2	10-30%	C;R34 Xn;R21/22 R43 R52/53

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

COMPOSITION COMMENTS

The remaining components are trade secret. The Full Text for all R-Phrases is

Displayed in Section 16

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4. FIRST AID MEASURES

4.1 INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention.

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.

4.2 SKIN CONTACT

Remove affected person from source of contamination. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

4.3 EYE CONTACT

Remove victim immediately from source of exposure. 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

5.1 EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO₂). Foam. Water spray, fog or mist.

6. ACCIDENTAL RELEASE MEASURES

6.1 SPILL CLEAN UP METHODS

Stop leak if possible without risk. DO NOT touch spilled material! Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. Runoff or release to sewer, waterway or ground is forbidden. Inform Authorities if large amounts are involved.

7. HANDLING AND STORAGE

7.1 USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Provide good ventilation.

7.2 STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

8.2 PROTECTIVE EQUIPMENT



8.3 ENGINEERING MEASURES

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

8.4 RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

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8.5 HAND PROTECTION

Use protective gloves. EYE PROTECTION

Use approved safety goggles or face shield. OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of skin contact.

8.6 HYGIENE MEASURES

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

APPEARANCE	Liquid
COLOUR	Amber.
ODOUR	Characteristic.
BOILING POINT (°C)	>150
RELATIVE DENSITY	1.05
VISCOSITY	<5.0 Ps 25
FLASH POINT (°C)	>100

10. STABILITY AND REACTIVITY

10.1 STABILITY

Stable under normal temperature conditions.

10.2 CONDITIONS TO AVOID

Avoid contact with acids and oxidising substances.

10.3 MATERIALS TO AVOID

Epoxy Resins (exothermic)

10.4 HAZARDOUS DECOMPOSITION PRODUCTS

High temperatures generate: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

11.1 INHALATION

May cause irritation to the respiratory system.

11.2 INGESTION

Harmful if swallowed.

11.3 SKIN CONTACT

Irritating to skin. May cause sensitisation by skin contact. Causes burns.

11.4 EYE CONTACT

Irritating to eyes.

11.5 ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

12. ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

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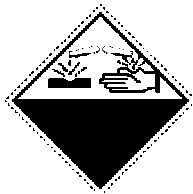
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13. DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS

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

14. TRANSPORT INFORMATION



PROPER SHIPPING NAME AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S (ISOPHORONEDIAMINE, 1,3BENZENEDINETHANAMINE)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No
UN NO. ROAD	2735
ADR CLASS NO.	8
ADR CLASS	Class 8 substance
ADR PACK GROUP	III
HAZARD No. (ADR)	80
ADR LABEL NO.	8
HAZCHEM CODE	2X
UN NO. SEA	2735
IMDG CLASS	8
IMDG PACK GR.	III
EMS	F-A, S-B
UN NO. AIR	2735
AIR CLASS	8
AIR PACK GR.	III

15. REGULATORY INFORMATION

15.1 LABELLING



Corrosive



Harmful

15.2 CONTAINS

1,3BENZENEDINETHANAMINE
4,4'-ISOPROPYLIDENEDIPHENOL
ISOPHORONEDIAMINE

15.3 RISK PHRASES

R20/21/22	Harmful by inhalation in contact with skin and if swallowed.
R34	Causes Burns.
R43	May cause sensitisation by skin contact.

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	R52/53	Harmful to aquatic organisms, may cause long-term adverse effect in the aquatic environment.
	R62	Possible risk of impaired fertility.
15.4 SAFETY PHRASES	S25	Avoid contact with eyes.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
	S51	Use only in well-ventilated areas.
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
	S60	This material and its container must be disposed of as hazardous waste.

15.5 STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

15.6 APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

15.7 GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION

REVISION DATE	28/11/2012
REV. NO/ RESL. SDS GENERATED	4

RISK PHRASES IN FULL

R34	Causes burns
R20/22	Harmful by inhalation and if swallowed
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed
R22	Harmful if swallowed
R21/22	Harmful in Contact with skin and if swallowed
R52/53	Harmful to aquatic organisms, may cause long-term adverse effect in the aquatic environment.
R52	Harmful to aquatic organism
R37	Irritating to respiratory system.
R43	May cause sensitisation by skin contact.
R62	Possible risk of impaired fertility.
R41	Risk of serious damage to eyes
R23	Toxic by inhalation.

DISCLAIMER

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.