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Version : 1
DUAYEN MS-954

YAPI VE İZOLASYON MALZ. SAN. TİC. LTD. ŞTİ

MATERIAL SAFETY DATA SHEET

1. Identification of the substance/preparation and company/undertaking

Product name: DUAYEN MS-954 B -componet

Supplier: DUAYEN YAPI VE İZOLASYON MALZ. SAN. TİC. LTD. ŞTİ.
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2. Composition/information on ingredients

Polyol additive

Hazardous Ingredient(S)	CAS No.	Symbol	R Phrases
ALKYLAMINE ALKOXYLATE		25-50 Xi	R38,41
POLYOXYPROPYLENEDIAMINE	009046-10-0	25-50 C	R21/22,34

3. Hazards Identification

This material is a severe irritant and may cause burns following skin and eye contact.
Risk of serious damage to eyes.
Harmful in contact with skin and if swallowed.



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4. First-Aid Measures

- Inhalation :** Remove patient from exposure, keep at fresh air and at rest. Obtain medical attention if ill effects occur.
- Skin Contact :** Take off immediately all contaminated clothing. Wash skin immediately with plenty of water. Obtain immediate medical attention.
- Eye Contact :** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Obtain immediate medical attention.
- Ingestion :** Provided the patient is conscious, wash out mouth with water and give 200-300 ml (half a pint) of water to drink. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Obtain immediate medical attention.

Further Medical Treatment

Symptomatic treatment and supportive therapy as indicated.

5. Fire-Fighting Measures

Not classed as flammable.

If involved in a fire, it may emit noxious and toxic fumes.

- | | |
|------------------------------------|---|
| Extinguishing Media | : Normal extinguishing media.
Contain run-off water with, for example, temporary earth barriers. |
| Fire Fighting Protective Equipment | : Full protective equipment including suitable respiratory protection. |
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6. Accidental Release Measures

- Ensure full personal protection during removal of spillages.
- Adsorb spillages onto sand, earth or any suitable adsorbent material.
- Transfer to a container for disposal.
- Wash the spillage area clean with water and detergent.
- Do not allow to enter drains, sewers or watercourses.
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Product name: DUAYEN MS-954

7. Handling and Storage

7.1 Handling

Avoid contact with skin and eyes.

Provide adequate ventilation. Do not breathe vapour.

7.2 Storage

Keep container tightly closed, in a cool, well ventilated place.

Keep away from direct sunlight.

8. Exposure Controls/Personal Protection

Wear suitable protective clothing, gloves and eye/face protection.

Incase of insufficient ventilation, wear suitable respiratory equipment.

No Occupational Exposure Limit Assigned

9. Physical and Chemical Properties

Form	liquid
Odour	Ammoniacal.
pH	10.5
Flash Point (°C)	> 185 (closed cup)

10. Stability and reactivity

Hazardous Reactions	Contains	: alkylamine alkoxylate.
Hazardous Decomposition Product(s)		: None at ambient temperature.



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11. Toxicological information

This health hazard assessment is based on a consideration of the composition of this product.

Inhalation	: Unlikely to be hazardous by inhalation unless heated.
Skin Contact	: Causes burns. Harmful in contact with skin.
Eye Contact	: Causes burns.
Ingestion	: Harmful : danger of serious damage to health by prolonged exposure if swallowed.
Long Term Exposure	: No known significant effects or critical hazards A lifetime ingestion study in animals has shown that repeated doses produce adverse effects on the pancreas, liver and thyroid.

12. Ecological Information

Persistence and Degradation

Not readily biodegradable.

13. Disposal Considerations

The generation of waste should be avoided or minimised wherever possible.

Disposal should be in accordance with local, state or national legislation.

Waste, even small quantities, should never be poured down drains, sewers or water courses.

Incinerate under approved controlled conditions, using incinerators suitable for the disposal of noxious chemical waste.

14. Transport Information

Transport hazard (ADR/RID/IATA/IMDG) : C / Xn - not a hazardous material.

Packaging group : III.



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15. Regulatory Information



EC Classification : CORROSIVE

Hazard Symbol : C

Risk Phrases : R21/22 : Harmful in contact with skin and if swallowed.

R34 : Causes burns.

R41 : Risk of serious damage to eyes.

R48/22 : Harmful : danger of serious damage to health by prolonged exposure if swallowed.

Safety 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 water.

S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

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16. Other information

History

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Notice to Reader:

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