

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product details

· **Product name:** Jade Scan 54

1.2 Application of the substance / the preparation: It is used as hydrogen sulphide scavenger

1.3 Manufacturer/Supplier:

Jay Dinesh Chemicals

Plot No. 184 Nr. Claris Life Sciences,
Village Chahcharwadi Vasna,
Ahmedabad Bavla Highway,
Dist Ahmedabad.-382213.

2 Hazards identification

2.1 Classification of the substances or mixture

Health hazards

Acute oral toxicity	Category 4
Acute dermal toxicity	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Skin sensitization	Category 1
Specific target organ toxicity	Category 1



GHS06 GHS05

2.2 Label elements

Hazard statements

H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H370	Causes damage to organs

Precautionary statements

P280 Wear protective gloves /protective clothing and eye/face protection.

P305 +P351+P338- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a Poison Center or doctor/physician

P304 + P340 if inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P260 Do not breathe dust/fume/gas/mist/vapours/spray

3.Composition of Ingredients

Name	EC No.	CAS No.	Content %	Classification (67/54/EEC)
2, 2', 2'' -(Hexahydro-1,3,5-triazine-1,3,5-triyl) triethanol	225-208-0	4719-04-4	78%	Xn; R22. R43

COMPOSITION COMMENTS

The data shown is in accordance with the latest EC Directives

4 First Aid Measures**Inhalation**

Provide rest, warmth and fresh air. In case of persistent throat irritation or coughing: Seek medical attention and bring these instructions.

Ingestion

DO NOT INDUCE VOMITING! Immediately rinse mouth and provide fresh air. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. Do not give victim anything to drink if he is unconscious. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention.

Skin contact

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Chemical burns must be treated by a physician.

Eye contact

Important! Immediately rinse with water for 15-30 minutes. May cause permanent damage if eye is not immediately irrigated. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention.

5 Fire fighting measures**Extinguishing media**

Water fog, Alcohol foam, dry powder or carbon dioxide. Do not use water jet as an extinguisher, as this will spread the fire.

Special fire fighting procedures

Containers close to fire should be removed immediately or cooled with water. Keep run-off water out of sewers and water sources

Specific Hazards.

Fire or high temperatures create: Carbon monoxide (CO), Nitrous gases (NOx), Amines, Formaldehyde

Protective Measures in Fire

Self contaminated breathing apparatus and full protective clothing must be worn in case of fire.

6 Accidental release measures

Personal Precautions

Avoid contact with skin and eyes. Avoid inhalation of vapours and aerosol spray. Wear protective clothing in Section 8 of this safety data sheet.

Environmental Precautions

Do not allow ANY environmental contamination. Do not discharge into drains. Water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Spill Clean-up Methods

Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7. Handling and Storage

Usage Precautions

Avoid inhalation of vapours and spray mists. Avoid spilling, skin and eye contact. Persons susceptible to allergic reactions should not handle this product.

Storage Precautions

Store in tightly closed original container in a dry, cool and well-ventilated place. Avoid contact with acids and oxidising substances. Keep away from heat, sparks and open flame. Ground container and transfer equipment to eliminate static electric sparks.

Storage class

Chemical Storage

8 Exposure controls / personal protection

Ingredient Comments

No exposure limits noted for ingredient(s)

Protective Equipment



Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory Equipment

In case of inadequate ventilation use suitable respirator. Chemical respirator with ammonia and amine cartridge (K/P2, green filler). At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used.

Hand Protection

Use protective gloves made of: Butyl rubber, Neoprene. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye Protection

Wear approved safety goggles or face shield.

Other Protection

Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene Measures

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using toilet. Use appropriate skin cream to prevent drying of skin. Promptly remove any clothing that becomes wet or contaminated.

9 Physical and Chemical Properties

Appearance:	<i>Clear liquid</i>
Colour:	<i>Colourless to pale yellow</i>
Odour:	<i>Characteristic</i>
Solubility	<i>Completely soluble in water</i>
Melting Point	<i>Not applicable</i>
pH value, 5 % solution	<i>10 - 11</i>
Specific gravity @27±2°C	<i>1.030 – 1.051</i>
Freezing point	<i>< - 25°C</i>

10 Stability and Reactivity

Stability

Stable under normal temperature conditions and recommended use.

Conditions to Avoid

Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented.

Materials to avoid

Keep away from sources of ignition – No smoking Avoid contact with acids and oxidising substances.

Hazardous decomposition products

Aldehydes, ketones, carbon Oxides (CO_x)

11. Toxicological Information

Inhalation

Vapours are corrosive. After 24-36 hours, injured persons may develop serious shortness of breath and lung oedema. May cause damage to mucous membrane in nose, throat, lungs and bronchial system.

Ingestion

Harmful: danger of serious damage to health by prolonged exposure if swallowed. Corrosive. Even small amount may cause serious damage. Corrosive -may burn mouth, throat and stomach.

Skin Contact

Causes burns. May cause sensitisation by skin contact.

Eye Contact

Corrosive to the eyes and may cause severe damage including blindness.

12. Ecological Information

Eco toxicity

The product may affect the acidity (pH factor) in water with risk of harmful effects to aquatic organisms

Mobility

The product is soluble in water.

Bioaccumulation

The product is not bio accumulating

Degradability

Readily biodegradable

13. Disposal Considerations

Disposal Methods

Recover and reclaim or recycle, if practical. Dispose of waste and residues in accordance with local authority requirements.

Waste Class

The definitive European Waste code for this product will depend upon the final use is made of this material. EWC-code: 07-01-04.

Waste number: 7135-Organic bases

14. Transport Information

Maritime transport IMDG:



IMDG Class	:	8
UN Number	:	3267
Label	:	8
Packaging group	:	III
EMS Number	:	F-A, S-B
Marine pollutant	:	No
Segregation groups	:	Alkali
Proper shipping name (technical name):	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S (Mixture, containing S. Triazine)	

15 Regulatory Information

Chemical Safety Report
No information available

16 Other Information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Only trained personnel should use this product

Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)-