



Shree Jay Ambe

Jay Dinesh Chemicals
Quality is Priority

Certificate No. : 6709-002

Offic Add:- 303/304 Murlidhar complex,
Opp Fathepura Post offic,
Bhattha, Paldi, Ahmedabad- 3800 007
Gujarat, INDIA.

Teli :+91 79 26608664/ 79 26608667

9974013523/ 9909949962

Email:- Info@jaydinesh.com ; export@jaydinesh.com



Factory: Plot No.184-186, Nr. Clearis Life Science,
Vill Chacharwadi vasana, Sarkhej bavla highway,
TA, Sanand, Dist. Ahmedabad- 382 213
Gujarat, INDIA.

Teli: +91 2717 294247 / 7817 013055

+91 9979317523

Websight: www.jaydinesh.com

SAFTEY DATA SHEET CORROSION INHIBITOR

1 Identification

Product identifier

Trade name: **CORROSION INHIBITOR**

Application of the substance / the mixture

Refer to available product literature or ask your local Sales
Representative for restrictions on use and dose limits.

Details of the supplier of the safety data sheet

Manufacturer/Supplier

Manufactured by: Jay Dinesh Chemical Survey No. 184 to 186, Nr. Claris Village Chacharawadi – Vasna,
Sarkhej Bawla Highway, Ta. Sanad, Dist Ahmedabad–382213.

Information department

Customer Service Department - Jay Dinesh Chemicals

Contact: Mis. Purvi. Shah.

e-mail: exports@jaydinesh.com

Emergency telephone number

During normal opening time:- +917878730626

2 Hazard(s) Identification

Classification of the Substance or Mixture

Classification (GHS-US)

Flammable liquids :	Category 3
Acute toxicity (Oral) :	Category 3
Acute toxicity (Inhalation) :	Category 3
Acute toxicity (Dermal) :	Category 3
Skin corrosion :	Category 1B
Serious eye damage :	Category 1
Skin sensitization :	Category 1
Specific target organ toxicity - single exposure :	Category 1 (Eyes)
Specific target organ toxicity - single exposure :	Category 2
Specific target organ toxicity - single exposure :	Category 3 (Central Nervous System)



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Label elements

GHS label elements

Hazard pictograms



Signal word: Danger

Hazard statements

Flammable liquid and vapour.

Toxic if swallowed, in contact with skin or if inhaled Causes severe skin burns and eye damage.

May cause an allergic skin reaction. May cause drowsiness or dizziness.

Causes damage to organs (Eyes). May cause damage to organs.

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed.

Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/

equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe

dust/fume/gas/mist/vapours/spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using

this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed

out of the workplace. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Supplemental Hazard Statements none

Other hazards

Lachrymator

3 Composition/information on ingredients

Chemical characterization: Substances

Mixture

Chemical Name	CAS-NO	Concentration: (%)
Methanol	67-56-1	30-60
Tall Oil, DETA Imidazoline Acetates	68140-11-4	5-10
Benzyl-Dimethyl-Dodecyl-Ammonium Chloride	139-07-1	1-5
Thioglycolic Acid	68-11-1	1-5
Benzyl-Dimethyl-Tetradecyl-Ammonium Chloride	139-08-2	0.1-1



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4 First-Aid Measures

Description of first aid measures

After inhalation: Remove to fresh air.

After skin contact:Wash off immediately with plenty of water for at least 15 minutes.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

After swallowing: Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

Information for doctor:

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-Fighting Measures

Extinguishing media

Suitable extinguishing agents:

Water spray, dry foam, carbon dioxide.

Special hazards arising from the substance or mixture:Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance.Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.Empty product containers may contain product residue. Do not pressurize, cut, heat, weld, or expose containers to flame or other sources of ignition.

Advice for firefighters

Protective equipment: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation.

Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions:Do not let product enter drains

Methods and material for containment and cleaning up:

Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth,vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Flush away traces with water.



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7 Handling and Storage

Handling:

Precautions for safe handling

Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Do not ingest. Keep away from fire, sparks and heated surfaces. Do not breathe dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Use only with adequate ventilation

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles: Store in cool, dry conditions and well ventilated area.

Information about storage in one common storage facility: Do not store together with acids.

Further information about storage conditions: Keep containers tightly closed when not in use. Store away from heat, open flames and incompatible materials. Store in cool, dry, ventilated area. Keep from freezing. Keep out of reach of children

Specific end use(s) No further relevant information available.

8 Exposure Controls/Personal Protection

Additional information about design of technical systems: No further data; see item 7.

Control parameters

Components with limit values that require monitoring at the workplace: Not required.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.



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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be

Eye protection:



Tightly sealed goggles

9 Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

Appearance:	Liquid
Odor:	Alcoholic, Pungent
Odor threshold :	No data available
pH-value:	3.4, 100 %
Change in condition	
Melting point/Melting range:	POUR POINT: -46 °C
Boiling point/Boiling range:	Not applicable.
Specific gravity / density	1.185
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined
Auto igniting:	Not determined
Danger of explosion:	No data available
Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
Vapor pressure:	12.7 kPa (38 °C)
Density:	0.95 g/cm ³ 7.9 lb/gal
Relative density:	0.95 (15.6 °C)
Vapor density:	Not determined.



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Evaporation rate:	Not applicable.
Solubility in / Miscibility with Water:	Miscible in water
Partition coefficient (n-octanol/water):	Not applicable.
Viscosity:	No data available

10 Stability and Reactivity

Reactivity :Not reactive under normal conditions

Chemical stability : Stable under recommended storage conditions

Thermal decomposition / conditions to be avoided: This is a stable product under normal (ambient) temperature and pressure.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid:Moisture. Avoid creating or spreading dust.

Incompatible materials: Strong acids. Metals. Halogens.

Hazardous decomposition products: No data available .

11 Toxicological Information

Information on toxicological effects

Acute toxicity: LD50 Oral - Rat: 502 - 638 mg/kg
LC50 Inhalation - Rat - male and female: > 2.1 mg/l (4h)
(OECD Test Guideline 403)
Dermal: No data available

Primary irritant effect:

on the skin: Avoid contact with skin
on the eye: Causes serious eye damage
Sensitization: mouse

Result: Does not cause skin sensitization. (OECD Test Guideline 429)

Additional toxicological information:

Carcinogenic categories

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification
No component of this product, present at levels greater than or equal to 0.1%, is identified as probable, possible or confirmed human carcinogen by IARC

IARC (International Agency for Research on Cancer):



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NTP (National Toxicology Program):

No component of this product, present at levels greater than or equal to 0.1%, is identified as a known or anticipated carcinogen by NTP.

OSHA-Ca (Occupational Safety & Health Administration) :

No component of this product, present at levels greater than or equal to 0.1%, is identified as a carcinogen or potential carcinogen by OSHA.

12 Ecological Information

Toxicity

Aquatic toxicity:

No further relevant information available.

Persistence and degradability:

No further relevant information available.

Behavior in environmental systems

Bioaccumulative potential:

No further relevant information available.

Mobility in soil:

No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach

Results of PBT and vPvB assessment

PBT:

Not applicable.

vPvB:

Not applicable.

Other adverse effects:

No further relevant information available.

13 Disposal Considerations (non-mandatory)

Waste treatment methods

Recommendation:

Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations

Uncleaned packagings

Recommendation: Disposal must be made according to official regulations

14 Transport Information (non-mandatory)

UN-Number



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DOT, ADR, ADN, IMDG, IATA	Void
UN proper shipping name	
DOT, ADN, IMDG, IATA	Void
ADR	Void
Transport hazard class(es)	
DOT	
Class	Void
ADR, ADN, IMDG, IATA	
Class	Not restricted for transport
Packing group	
DOT, ADR, IMDG, IATA	Void
Environmental hazards	
Marine pollutant	No
Special precautions for user	Not applicable.
UN "Model Regulation"	Void

15 Regulatory Information (non-mandatory)

substance or mixture

Section 355 (extremely hazardous substances): Substance is not listed.

Section 313 (Specific toxic chemical listings): Substance is not listed.

TSCA (Toxic Substances Control Act): Substance is listed.

Proposition 65

Chemicals known to cause cancer: Substance is not listed.

Chemicals known to cause reproductive toxicity for females: Substance is not listed.

Chemicals known to cause reproductive toxicity for males: Substance is not listed.

Chemicals known to cause developmental toxicity: Substance is not listed.

Carcinogenic categories

EPA (Environmental Protection Agency): Substance is not listed.

TLV (Threshold Limit Value established by ACGIH): Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health): Substance is not listed.

GHS label elements: The substance is classified and labeled according to the

Hazard pictograms



GHS05



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Signal word:

Danger

Hazard statements:

Causes serious eye damage.

Precautionary statements:

Wear eye protection / face protection.If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.Immediately call a POISON CENTER/doctor.

Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

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.

Department issuing SDS: Quality Control Department

Contact: Mis Purvi. Shah.

e-mail: exports@jaydinesh.com

Date of preparation / last revision 04/18/2019 / -

Abbreviations and acronyms:

NFPA health hazard

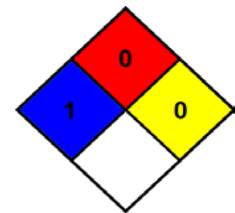
1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard

0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity

0 - Material that in themselves are normally stable, even under fire conditions.



Data compared to the previous version altered.

Revision Information: 01/2016, Sections 1, 2 revised - Information department and GHS label.

Revision Information: 01/2017, Added new ABCT Logo