

MSDS for 1,1'-Carbonyldiimidazole, 97%

**** MATERIAL SAFETY DATA SHEET ****

Product Name: 1,1'-Carbonyldiimidazole,

Section 1 - Chemical Product and Company Identification

MSDS Name 1,1'-Carbonyldiimidazole,

Synonyms

Company Identification

Atul Ltd - PP Site
P.O. Atul 3960 20
Dist -Valsad
Gujarat, India

Telephone nos

0091 2632 233621 / 233474

CAS#	Chemical Name	%	EINECS#
530-62-1	1,1'-Carbonyldiimidazole	208-488-9	

Section 3 - Hazards Identification

Hazard Symbols: XI

Risk Phrases: 36/37/38

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin. Moisture sensitive.

POTENTIAL HEALTH EFFECTS

Eye Causes eye irritation.

Skin Causes skin irritation. May be harmful if absorbed through the skin.

Ingestion May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation Causes respiratory tract irritation. May be harmful if inhaled.

Chronic Not available.

Section 4 - First aid Measures

Eyes Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin	Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.
Ingestion	Get medical aid. Wash mouth out with water.
Inhalation	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Notes to Physician	Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

General Information	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Extinguishing Media	Use water spray, dry chemical, carbon dioxide, or chemical foam.

Section 6 - Accidental Release Measures

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Vacuum or sweep up material and place into a suitable disposal container.

Section 7 - Handling and Storage

Handling	Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Use and store under nitrogen.
Storage	Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls, Personal Protection

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
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PERSONAL PROTECTIVE EQUIPMENT

Eyes	Wear chemical goggles.
Skin	Wear appropriate protective gloves to prevent skin exposure.

Clothing Wear appropriate protective clothing to prevent skin exposure.

Respirators Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

Section 9 - Physical and Chemical Properties

Physical State	Crystalline powder
Appearance	white - almost white
Odor	Not available.
pH	7.75 (5% aq.sol.)
Vapor Pressure	Not available.
Viscosity	Not available.
Boiling Point	Not available.
Freezing/Melting Point	118 - 120 deg C
Autoignition Temperature	Not available.
Flash Point	Not available.
Explosion Limits, lower	Not available.
Explosion Limits, upper	Not available.
Decomposition Temperature	
Solubility	Reacts.
Specific Gravity/Density	
Molecular Formula	C7H6N4O
Molecular Weight	162.15

Section 10 - Stability and Reactivity

Chemical Stability Not available.

Conditions to Avoid Incompatible materials, exposure to moist air or water.

Incompatibilities with Other Materials Water, strong oxidizing agents, acids, bases, amines.

Hazardous Decomposition Products Nitrogen oxides, carbon monoxide, carbon dioxide.

Hazardous Polymerization Has not been reported.

Section 11 - Toxicological Information

RTECS# CAS# 530-62-1 unlisted.

LD50/LC50 Not available.

Carcinogenicity 1,1'-Carbonyldiimidazole - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
See actual entry in RTECS for complete information.

Section 12 - Ecological Information

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

RID/ADR	IATA	IMO	
Shipping Name: Regulated	Not Regulated	Not Regulated	Not

Hazard Class

UN Number

Packing Group

Dangerous Goods Code

Section 15 - Regulatory Information

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: XI
Risk Phrases:
R 36/37/38 Irritating to eyes, respiratory system

and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37/39 Wear suitable gloves and eye/face

protection.

WGK (Water Danger/Protection)

CAS# 530-62-1: 0

United Kingdom Occupational Exposure Limits

Canada

CAS# 530-62-1 is listed on Canada's DSL List.

CAS# 530-62-1 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 530-62-1 is listed on the TSCA inventory.