

Niax* catalyst A-33

SAFETY DATA SHEET

1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Niax* catalyst A-33

Limitations on use: For industrial use only.

Manufacturer/Importer/Distributor Information : Momentive Performance Materials (Thailand) Limited
1/2 Moo 4 (Asia Industrial Estate), 21130
Thailand

Contact person : commercial.services@momentive.com

Telephone : +65-6496-2121

Telefax : +66-3868-9121

Emergency telephone number : +65-3158-1074

Responsible Department : Product Stewardship & Compliance

2 HAZARDS IDENTIFICATION

GHS classification:

Health Hazards:

Acute toxicity (Oral) Category 4

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 1

GHS label elements:

Symbol(s):



Signal Word: Danger

Hazard Statement(s): Harmful if swallowed.
Causes serious eye damage.
Causes skin irritation.

Precautionary Statement

Prevention: Wear protective gloves. Wear eye protection/face protection. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

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Response: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF ON SKIN: Wash with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. 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.

Storage: not applicable

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other hazards which do not result in classification:

Primary hazards: No data available.

Specific hazards: No data available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical nature: Amine / Glycol Mixture

Substance or Preparation:

Mixtures

Hazardous ingredients:

4 FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Get medical attention.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist.

Skin Contact: Take off immediately all contaminated clothing. Wash area with soap and water. Wash contaminated clothing before reuse.

Ingestion Do NOT induce vomiting. If conscious, drink plenty of water. Get medical attention immediately. Do not give victim anything to drink if he is unconscious.

There is no specific antidote. Treatment is symptomatic and supportive.

5 FIRE-FIGHTING MEASURES

Extinguishing media: Alcohol resistant foam. Carbon dioxide Dry chemical.

Special fire fighting procedures: Do not use water jet as an extinguisher, as this will spread the fire. Use water spray to keep fire-exposed containers cool.

Special protective action for fire fighters: Wear self-contained breathing apparatus and protective clothing.

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment.
Environmental Precautions:	Avoid discharge into drains, water courses or onto the ground.
Methods and material for containment and cleaning up:	Absorb spillage with suitable absorbent material. Shovel up and place in a container for salvage or disposal.
Notification Procedures:	Remove sources of ignition. In case of spills, beware of slippery floors and surfaces.

7 HANDLING AND STORAGE

Precautions for safe handling:	Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Wash hands after handling. Provide adequate ventilation. Avoid inhalation of vapors and spray mists.
Condition for safe storage, including any incompatibilities:	Keep container tightly closed. Keep away from sources of ignition - No smoking.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriated engineering control measures:	No data available.
Occupational Exposure Limits:	
Personal protective equipment (ppe)	
Respiratory Protection:	Gas mask with organic vapor canister and dust and mist filter.
Eye Protection:	Monogoggles
Hand Protection:	No data available.
Skin Protection:	Wear suitable protective clothing and eye/face protection.
Hygiene measures:	Avoid contact with eyes, skin, and clothing. Wash hands after handling. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state:	liquid
Form:	liquid
Color:	Colorless, /, Pale yellow
Odor:	amine like
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	< -20 °C
Boiling Point:	> 149 °C (86.64 hPa)
Flash Point:	88 °C (ASTM D 93)
Evaporation Rate:	< 1

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Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	< 1.03 hPa (38 °C)
Vapor density (air=1):	> 1
Density:	1.0330 g/cm ³ (25 °C)
Relative density:	1.033 (25 °C)
Solubility(ies)	
Solubility in Water:	Soluble
Solubility (other):	No data available.
Partition coefficient (n-octanol/water) Log Pow:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

10 STABILITY AND REACTIVITY

Incompatible Materials:	Acids. Oxidizing agents. Halogens.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerisation does not occur.
Conditions to avoid:	None known.
Hazardous Decomposition Products:	In case of fire, gives off (emits): Carbon oxides Nitrogen Oxides Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

11 TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects

Acute toxicity

Oral Product:	No data available.
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Dermal
Product: No data available.

Inhalation
Product: No data available.

Repeated dose toxicity
Product: No data available.

Skin Corrosion/Irritation:
Product: No data available.

Serious Eye Damage/Eye Irritation:
Product: No data available.

Respiratory or Skin Sensitization:
Product: No data available.

Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Carcinogenicity
Product: No data available.

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Aspiration Hazard
Product: No data available.

Metabolism: No data available.

Other effects: Contains one or more amines which may react with nitrites or other nitrosating agents to form nitrosamines. Some nitrosamines have been shown to be carcinogenic in laboratory animals.

12 ECOLOGICAL INFORMATION

General information: not applicable

Ecotoxicity

Acute toxicity

Fish

Product: No data available.

Aquatic Invertebrates

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Product: No data available.

Chronic Toxicity

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative Potential

Product: No data available.

Mobility in Soil:

No data available.

Results of PBT and vPvB assessment:

No data available.

Other Adverse Effects:

Ecotoxicological data for this product is not available.

13 Disposal considerations

Disposal methods:

Can be incinerated when in compliance with local regulations.

14 TRANSPORT INFORMATION

ADR/RID

Not regulated.

IMDG - International Maritime Dangerous Goods Code

Not regulated.

IATA

Not regulated.

Special precautions for user:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

15 REGULATORY INFORMATION

Applicable regulations:

- Factories Act
- Act on the Control of Transboundary Movements of Hazardous Wastes and their Disposal
- Environmental Public Health Act

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Environmental Public Health (Toxic Industrial Waste) Regulations
Singapore. Hazardous Substances Control List (Environmental Protection and Management Act, Second
Schedule, Part 1, Control of Hazardous Substances)
Environmental Pollution Control (Hazardous Substances) Regulations

16 OTHER INFORMATION

Inventory Status

Australia AICS:	y (positive listing)
EU EINECS List:	y (positive listing)
Japan (ENCS) List:	y (positive listing)
China Inventory of Existing Chemical Substances:	y (positive listing)
Korea Existing Chemicals Inv. (KECI):	y (positive listing)
Canada DSL Inventory List:	y (positive listing)
Canada NDSL Inventory:	n (Negative listing)
Philippines PICCS:	y (positive listing)
US TSCA Inventory:	y (positive listing)
Taiwan. Taiwan inventory (CSNN):	y (positive listing)

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Disclaimer:

Notice to reader

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Further Information

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