



This MSDS is prepared according to (EU) 2020/878 regulations.

Product Name: PA 1465 CATALYST

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1. PRODUCT NAME AND COMPANY INFORMATION

Product Description	Catalyst for plastisol applications
Company Information	ÖZANADOLU KİMYA SAN. Ve TİC. A.Ş. Mahmutbey Merkez Mah. Karaoğlanoğlu Cd.Servet Sk.No:8 Bağcılar/İstanbul Tel:0 212 446 92 92 Fax:0 212 446 00 99 Mail: istanbul@inkuin.com
Emergency Information	0 212 446 92 92

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance and mixture

Causes serious eye irritation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

Toxic to aquatic life with long lasting effects.

2.2. Label Elements

Pictogram(s)



GHS08



GHS09

Warning Word: Danger

Contains; benzene, 1,3-diisocyanato-2-methyl-, polymer with 2,4-diisocyanato-1-methylbenzene m-tolyldiene diisocyanate

H phrases: H317 Causes serious eye irritation

H319 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H334 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s); P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

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

P284 [In case of inadequate ventilation] wear respiratory protection.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention

P342 + P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...

P363 Wash contaminated clothing before reuse.

P391 Collect spillage.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards which do not result in classification

No data available



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3. COMPOSITION/INFORMATION ON INGREDIENTS

Compound Name	Weight %	Cas No	Hazard Class	H Phrases
Benzoic acid, nonyl ester, branched and linear	50-70	670241-72-2	Aqu. Chr. 2	H411
benzene, 1,3-diisocyanato-2-methyl-, polymer with 2,4-diisocyanato-1-m-tolylidene diisocyanate	30-50	31370-61-3	Eye Irr. 2 Skin Irrit. 2	H319 H317
		26471-62-5	Acute tox. 1 Skin Irrit. 2 Eye Irrit. 2 Sensitisation, respiratory Skin sens. Carc. 2 Aqu.	H330 H315 H319 H334 H317 H351 H411

4. FIRST-AID MEASURES

On eye contact	Rinse thoroughly for 15 Minutes and consult a doctor immediately.
On skin contact	Have not important effects .Wash thoroughly with water. If possible use working gloves.
On Inhalation	Have not important effects. After much inhalation go fresh air.
On Swallowing	After swallowing seek medical advice. Show the label and package to doctor.

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5. FIRE – FIGHTING MEASURES

Suitable Extinguishing Media	Water mist, foam dry powder, CO2. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable Extinguishing Media	There is no particular unsuitable media. Do not use only water directly
Specific Hazards as a result of fire.	Burning products in case of fire (Carbon dioxide, toxic pyrolysis residues, etc.) Do not inhale.
Precautions against case of fire.	Helmet, Fire-resistant clothing (Arm, leg and waist round banded, fire-resistant jacket and trousers), gloves (fire protecting, cutting preventive and dielectric), Face protective and Positive pressure Mask covering operator's face totally or in case of being big amount of smoke, clean air inhalator (tube and masked).

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Please look at item 8. If material is spilled the ground may be slippery.
Environmental Precautions	Do not discharge to the sewage, surface water and soil.
Methods of Cleaning	Close the drains (clogging risk). Use absorbent materials for cleaning up. Sweep up the stained places and dispose according to legal regulations.

7. HANDLING AND STORAGE

Handling	Precautions for safe handling: Assure the working place a well ventilated place. Keep closed the cover of goods well. Precautions for Fire and explosion danger: There is no special
Storage	Conditions for safe storage: Keep container tightly closed and dry; store in a cool place at 5°C- 25°C. Suitable Packaging: Polyethylene Common storage warnings: Not required.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection	In unwell ventilated place Respiratory protection in needed in case there is a spray processing application.
Hand protection	Suitable protection gloves
Eye protection	Protection goggles
Skin protection	Working Clothes are suggested.
	Please follow general condition of chemical applications

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	Liquid
Colour	Yellowish
Odour	Weak Odour
Melting Point	Not Applied
Boiling Point	> 300 °C
Flashing Point	154,5 °C
Explosion Danger	No data
Steam pressure	No data
Self Flammability	No data
Solubility with Water	Insoluable with Water
Ph	No data
Viscosity	6.000 - 15.000 mPa.s
Difference factor	Not Applied

10. STABILITY AND REACTIVITY

- 10.1 Reactivity:** The product is non-reactive under normal conditions of use, storage and transportation.
- 10.2 Chemical stability:** The product is stable under normal conditions of use.
- 10.3 Possibility of Hazardous Reactions:** No dangerous reactions known under normal conditions of use.
- 10.4 Conditions to Avoid:** Keep away from amines, alcohols and water. May react exothermically with amines and alcohols
- 10.5 Incompatible Materials:** Amines, alcohols
- 10.6 Hazardous Decomposition Products:** Isocyanate, hydrogen cyanide



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11. TOXICOLOGICAL INFORMATION

It is not seen any bad effects to human health after exposure. We suggest working in suitable and well ventilated working places. Preparat, especially for sensitive individuals, by inhalation / or introsusception by skin /or eye contact and /or by swallowing it could cause some mild effects on health.

Acute Data :
Analojic data, briefly;
LD50>5000 mg/kg rat.

Toxicologic extra information:

General European Community Regulation on Classification for product preparation is not subject to classification according to the latest version of the calculation method, based on the experience we gained and the data received from our suppliers; If used according to the specifications and disposal of this product is not harmful.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Algae Ec50>1 mg/l (72 hours) (Acute toxicity estimations) Information given is based on a knowledge of the components and the ecotoxicology of similar products.

12.2 Persistence and Degradability

Not readily biodegradable

12.3 Bioaccumulative potential

Information not available

12.4 Mobility in soil

Information not available

12.5 Results of PBT vPvB assessment

The product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects

Long lasting, toxic effect in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Product

Disposal, in accordance with national and local regulations should be done or delivered to a company with authorized waste management.

Contaminated Packaging

Contaminated packaging, recycling in accordance with national laws relating to waste management and should be sent or to be destroyed..



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14. TRANSPORT INFORMATION

ADR/RID

UN number: UN 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZOIC ACID NONYLESTER, BRANCHED AND LINEAR)

UN classification 9

Packing group III

Risk no: 90

Label: 9

Marine pollutant: Not applicable

IMDG

UN number: UN 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZOIC ACID NONYLESTER, BRANCHED AND LINEAR)

UN classification 9

Packing group III

Risk no: 90

Label: 9

Marine pollutant: Not applicable

IATA

UN number: UN 3082

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (BENZOIC ACID NONYLESTER, BRANCHED AND LINEAR)

UN classification 9

Packing group III

Risk no: 90

Label: 9

Marine pollutant: Not applicable

15. REGULATORY INFORMATION

Hazard Phrases :

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precaution Phrases :

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P285 : In case of inadequate ventilation wear respiratory protection.

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342+P311 : If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician



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16. OTHER INFORMATION

GENERAL RESOURCES

- 1- 1999/45/AT
- 2- 67/548/AET
- 3- Regulation (EC) 1907/2006 (REACH)
- 4- The Merck Index.Ed.10
- 5- Handling Chemical Safety
- 6- Raw material's MSDS

PS: This MSDS has been prepared in the light of the data which we get from our current updated information and our suppliers. The purpose of this Safety Data Sheet is to describe the products in terms of safe handling, use, processing, storage, transportation, disposal and release. This MSDS does not imply a warranty concerning composition, properties or performance. Also it does not replace the legal validity of a contract.