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Product Name:

ANTOX MS-60

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

Product name:	ANTOX MS-60
Identification of the supplier:	Nippon Nyukazai Co., Ltd.
Address:	No.4-1.Nihonbashi Kobuna-cho, Chuo-ku, Tokyo 103-0024, Japan
Charge section:	Business Operation Department (TEL:+81-3-5651-5640,FAX:+81-3-5651-5646)
Emergency telephone number:	Business Operation Department (TEL:+81-3-5651-5640,FAX:+81-3-5651-5646)
Recommend use:	Emulsion polymerization agent
Restrictions on use:	Seek expert judgment when using for purposes other than those recommended.

2. Hazards identification

Hazard category

Flammable liquids	Category 3
Serious eye damage/eye irritation	Category 2
Toxic to reproduction	Category 1A
Toxic to reproduction(Effects on or via	additional category
lactation)	
Specific target organ systemic toxicity	Category 2
following single exposure	
Specific target organ systemic toxicity	Category 2
following repeated exposure	

Label elements

Hazard pictograms:



Signal word: Hazard statements: Danger H226 Flammable liquid and vapour. H319 Causes serious eye irritation. H360 May damage fertility or the unborn child. H362 May cause harm to breast-fed children. H371 May cause damage to organs (central nerve system,general systemic toxicant). H373 May cause damage to organs (blood systems,central nerve system,kidney) through prolonged or repeated exposure.



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Precautionary statements:

Prevention	P201 Obtain special instructions before use.
	P202 Do not handle until all safety precautions have been read and understood
	P210 Keep away from heat, hot surfaces, sparks, open flames and
	other ignition sources. No smoking.
	P233 Keep container tightly closed.
	P240 Ground and bond container and receiving equipment.
	P241 Use explosion-proof electrical/ventilating/lighting equipment.
	P242 Use non-sparking tools.
	P243 Take action to prevent static discharges.
	P260 Do not breathe dust/fume/gas/mist/vapours/spray.
	P263 Avoid contact during pregnancy/while nursing.
	P264 Wash hands and face thoroughly after handling.
	P270 Do not eat, drink or smoke when using this product.
	P280 Wear protective gloves/protective clothing/eye protection/face
	protection.
Response	P314 Get medical advice/attention if you feel unwell.
	P303+P361+P353 IF ON SKIN (or hair): Take off immediately all
	contaminated clothing. Rinse skin with water [or shower].
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several
	minutes. Remove contact lenses, if present and easy to do. Continue
	rinsing.
	P308+P313 IF exposed or concerned. Get medical advice/attention.
	P308+P311 If exposed or concerned Call a POISON
	CENTER/doctor/healthcare professionals under the supervision of a
	auctor. P337+P313 If eve irritation parsists: Get medical advice/attention
	P370+P378 In case of fire : Use appropriate extinguishing media for
	extinction
Storage	P405 Store locked up.
	P403+P235 Store in a well ventilated place. Keep cool.
Disposal	P501 Dispose of contents/container in accordance with
- F - Join	local/regional/national/international regulation.

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Product Name:

ANTOX MS-60

3. Composition/information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

Ingredients and Concentration

Ingredient Name	Concentr	CAS RN®	Existing and New Chemical Substances (JAPAN)	Industrial Safety and Health Law Substances (JAPAN)	Industrial Safety and Health Law (JAPAN)	Pollutant Release Transfer Register Law (JAPAN)	Poisonous and Deleterious Substances Control Act (JAPAN)
	W 0.70		Gazette notice reference number	Gazette notice reference number	Notifiable Substances	Specified Substances	Poisonous and Deleterious Substances
Polyoxyethylene polystyrenated phenyl ether, and condensation with formaldehyde, methacrylate and ammonium sulfate	90	Registered	6-2143	12-692	Not applicable	Not applicable	Not applicable
2-Propanol	7-8	67-63-0	2-207	2-(8)-319	Applicable	Not applicable	Not applicable
Toluene	2-3	108-88-3	3-2, 3-60	Public	Applicable	Applicable	Less than regulation

4. First aid measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is stopped, lie on your back and perform cardiopulmonary respiration. Get medical advice/attention.
Skin contact:	Take off contaminated clothing and wash before reuse. Wash with plenty of soap and water.
	If skin irritation or a rash occurs: Get medical advice/attention.
Eye contact:	Immediately flush eye with plenty of clean water for at least 15 minutes. (If easy to do, remove contact lenses, if worn.) Get medical attention immediately.
Ingestion:	After having swallowed it, Drink a large quantity of water when consciousness becomes clear and receive treatment for the doctor immediately.

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	Date Revised: 2025/01/10	
Product Name:	ANTOX MS-60	
Protection for first aid person	A mouth must not give a person without the consciousness a thing. The rescuer wears a tool for appropriate protection depending on th situation.	he

5. Firefighting measures

Suitable extinguishing media:	Use water spray(fog), foam, dry chemical or CO2.
Extinguishing media to avoid:	Straight stream water.
Specific hazards arising from the	At the time of fire, hazardous gases (carbon monoxide and others) can
chemical:	be generated.
Fire fighting:	Keep upwind of fire.
	Eliminate all ignition sources if safe to do so.
	In case of fire in the surroundings, move the content/container to the safety place. If it is not possible to move, cool the content/container with water spray.
Special protective equipment and precautions for fire fighters:	Gloves, protection glasses, wear fire,flame resistant,retardant clothing, air respiratory organs wear a tool for appropriate protection.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Promptly remove possible ignition sources from the vicinity.
	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
Environmental precautions:	To environment (area of the sea, the soil) must not release it.
Methods and materials for containment and cleaning up:	Absorb this product with inactive materials (example: dry sand, earth) and recover it into a waste material container. In the case of large amount, stop leakage with earth/sand to begin with, and, then, recover it.
	In the case of a small quantity, I adsorb it in the earth and sand, a waste and collect it in empty container which I can seal up after having removed it.

7. Handling and storage

Handling

Technical measures:

During handling, be sure to wear proper protective equipment (refer to the section 8). This product can be charged with static electricity. Take countermeasures for static electricity removal (grounding, others). Wear antistatic clothes and antistatic shoes to prevent human body electrification. NIPPON NYUKAZAI CO., LTD.

Product Name:

SAFETY DATA SHEET

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Pı	roduct Name: ANTO	X MS-60
	Ventilation requirements: Precautions for safe handling:	Use explosion-proof electrical/ventilating/lighting equipment. Use the ventilation equipment described in Section 8. Not especially.
Storage	Q. 1977	
	Storage conditions.	store the containers avoiding direct sunlight. Store in less than 40 C in a well-ventilated room.
	Safety adequate container materials:	Use the container specified by the Fire Service ACT and the United Nations Transport Regulations.

8. Exposure controls/personal protection

Appropriate engineering controls: Use local ventilation equipment. Install eye and body washing facilities near the handling place. Display the position of equipment clearly.

Control parameters

Ingredient Name		Japan Society for Occupation al Health	ACGII	ACGIH-TLV	
		Occupation al Exposure Limits	TWA	STEL	
Polyoxyethylene polystyrenated phenyl ether, and condensation with	Not	Not	Not	Not	
formaldehyde, methacrylate and ammonium sulfate	established	established	established	established	
2-Propanol	200ppm •mg/m3	400ppm Ceiling limit, 980mg/m3 Ceiling limit	200ppm -mg/m3	400ppm -mg/m3	
Toluene	20ppm -mg/m3	50ppm Skin, 188mg/m3 Skin	20ppm -mg/m3	Not established	



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Product Name:	ANTOX MS-60
Personal protective equipment	
Respiratory protect	tion: Use a gas mask for organic gases, air-supplied respirator, self - contained compressed air breathing apparatus on the situation.
Hand protection:	Organic solvent impermeable protective gloves (Antistatic ones are desirable.)
Eye/face protection	n: Protective glasses, goggle, protective face shield.
Skin/body protecti	on: Wear long-sleeved working clothes and protective shoes.(Antistatic ones are desirable.)
	Use an oiliness apron-resistant, boots depending on the situation.

Wash with soap and water after handling.

Hygiene measures:

9. Physical and chemical properties

Product

Form:	Liquid (20°C)
Color:	Brown
Odor:	No data.
Melting point/freezing	No data
point:	
Initial boiling point and	No data
boiling range:	
Flammability (solid, gas):	No data
Upper/lower flammability	No data
or explosive limits:	
Flash point:	36.3(°C) (Tag Closed Cup)
Auto-ignition	No data
temperature:	
Decomposition	No data
temperature:	
	No data
Kinematic viscosity:	No data
Solubility:	water : Soluble.
	alcohols : Soluble.
	aromatic : Soluble.
	ketones : Soluble.
Partition coefficient: n-	No data
octanol/water:	
Vapour pressure:	No data
Specific Gravity:	1.112(20°C)
Vapour density:	No data
Particle characteristics:	No data

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10. Stability and reactivity

Chemical stability:	Stable under normal temperatures and pressures.
Possibility of hazardous	It may react with the oxidizing agent and generate heat.
reactions:	
Conditions to avoid:	Avoid heat, flames, sparks and ignition sources.
Incompatible materials:	Acid, Oxidizing agents.
Hazardous decomposition	No data available
products:	

11. Toxicological information

Product

Acute toxicity (oral): Classification not possible Acute toxicity (dermal): Classification not possible Acute toxicity (inhalation): Classification not possible (Gas) Classification not possible (Vapour) Classification not possible (Dust/Mist) Skin corrosion/irritation: Classification not possible Serious eye damage/irritation: Category 2 Respiratory sensitization: Classification not possible Skin sensitization: Classification not possible



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Product Name:	ANTOX MS-6	0
Mutagenicity:		Classification not possible Ames Test:Negative, Using Salmonella Typhim TA1535, TA1537, TA98, TA100 and Escherichia coli WP2uvrA, the preincubation method was used when the metabolism activation system was not added (direct method) and when it was added (metabolite activation method). The number of reverted mutant colonies was less than twice that of the negative control at all doses, with or without a metabolic activation system. It was confirmed that the number of return mutant colonies of the negative control and the positive control was within the range of the background data of our institute. Since the above results were reproducible between the two studies, it is presumed that they have no ability to induce reversion. Chromosome aberration test:Negative In the chromosomal aberration test of this sample performed using CHL cells, the test substance was structured in a dose range including a concentration showing cytotoxicity in any of the direct method 24-hour treatment, 48-hour treatment, and metabolic activation method. It did not induce chromosomal abnormalities such as target abnormalities or polyploids. From the above results, it was considered that this sample did not induce chromosomal abnormalities under the conditions of this test regardless of the presence or absence of a metabolic activation system.
Carcinogenicity Reproductive to Target organ eff Target organ eff Respiratory toxi	: xicity: fect/Single exposure: fect/Multi exposure: .c:	Classification not possible Category 1A Category 2(central nerve system,general systemic toxicant) Category 2(blood systems,central nerve system,kidney) Classification not possible

Ingredient

 $Polyoxyethylene\ polystyrenated\ phenyl\ ether,\ and\ condensation\ with\ formal dehyde,\ methacrylate\ and\ ammonium\ sulfate$

No Data

2-Propanol

Acute toxicity (oral):	No Classification
	LD50: 4384-5840 mg/kg[rat]
Acute toxicity (dermal):	No Classification
	LD50: 12870 mg/kg[rabbit]
Acute toxicity (inhalation):	Exempt classification (Gas)
	No Classification (Vapour)
	LC50: 27908-29512 ppm[rat]
	Classification not possible (Dust/Mist)



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Product Name:

Skin corrosion/irritation:	 No Classification Mild [rabbit] Effect on person : Mild [rabbit], Effect on person : There is a report that irritation was not indicated in the test which was done skin application for the medical treatment of the volunteer and an alcoholism patient in the humans (EHC 103(1990)). Effect on animals : There is a report of no irritation or of mild irritation in the tests for rabbit skin irritation (EHC 103 (1990), PATTY (6th, 2012), and ECETOC TR66 (1995)). It is considered to have slight or mild irritation, and it was classified into "Not classified" in JIS classification standard (Category 3 in UN classification standard).
Serious eye damage/irritation:	Category 2 Severe [rabbit] Effect on animals : We found the descriptions that there were reports of slight to severe ocular irritatant property in the eye irritation tests with the rabbits (EHC (1990), SIDS (2002), PATTY (6th,2012), ECETO TR48 (1998)). However, critical damaging property was not indicated, therefore we classified it as Category 2
Respiratory sensitization:	Classification not possible
Skin sensitization:	Effect on person : No data Classification not possible Effect on person : No data
Mutagenicity:	Classification not possible
Carcinogenicity:	Classification not possible due to lack of data. Classification not possible IARC:3,
Reproductive toxicity:	ACGIH:A4 Category 2 In the two-generation reproduction study by the drinking water medication using rats (EHC (19990), IARC (2005), and PATTY (1994)), there was no influence on fertility and growth of born children. On the other hand, no teratogenicity was observed in rats in the growth toxicity and the teratogenicity test in EHC (1990), SIDS (1997) and ACGIH (2003). However, reproductive toxicity, such as decline in a pregnancy rate, an increase in embryo absorption, and an increase in fetus death, were observed at the dose in which a fall of the increaseing weight, and toxicity such as an anesthesia action to parental animals
	were observed. Therefore, it was classified into Category 2



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Product Name:

	Target organ effect/Single exposure:	Category 1(central nerve system,general systemic toxicant) Category 3(respiratory tract irritation) Effect on person: Based on the descriptions in SIDS (2002), EHC 103 (1990), and Ministry of the Environment Risk Assessment Volume 6 (2005), this substance is an acutely toxic substance in humans, and has including central nervous system depression (lethargy, coma, respiratory depression, etc.), irritation to the digestive tract (nausea, vomiting), and effects on the circulatory system (blood pressure, hypothermia, arrhythmia) In addition, the substance is irritating to the nose and throat (cough, sore throat) upon inhalation exposure (EHC 103 (1990), Ministry of the Environment Risk Assessment Volume 6 (2005)), and therefore has airway irritation. Based on the above, it was classified into Category 1 (central nervous system, systemic toxicity) and Category 3 (respiratory irritant).
	Target organ effect/Multi exposure:	Category 1(blood systems) Category 2(respiratory apparatus,liver,spleen) In a 4-month inhalation exposure test of rats with a vapor of this substance, white blood cell count was reduced at 100 mg / m3 (concentration equivalent to guidance value: 0.067 mg / L / 6 hr), and showed pathological effects on respiratory organs (lung, bronchi), liver and spleen at 500 mg / m3 (guidance value (Converted concentration: 0.33 mg / L / 6 hr) (EHC 103 (1990)) The target organs were determined to be blood system, respiratory organs, liver and spleen. Blood was classified as Category 1, and respiratory organs, liver and spleen were classified as Category 2.
	Respiratory toxic:	Classification not possible Effect on person : Classification not possible due to lack of data.
Toluene		
	Acute toxicity (oral):	No Classification LD50: 5000-7530 mg/kg[rat]
	Acute toxicity (dermal):	No Classification LD50: 12000 mg/kg[rat], LD50: 12400-14100 mg/kg[rabbit]
	Acute toxicity (inhalation):	Exempt classification (Gas) Category 4 (Vapour) LC50: 3319-8800 ppm[rat] Classification not possible (Dust/Mist)



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Product Name:

Skin corrosion/irritation:	Category 2 Moderate [rabbit] Effect on animals : In a test (Annex V, method B2) in which 0.5 mL of the test substance was applied to 7 rabbits with a semi-occlusion for 4 hours, all animals showed slight to severe erythema and mild edema by 72 hours after application, and on the 7th day. Clear to severe erythema was observed in all animals, and mild to mild edema was observed in 5 animals, which was evaluated as moderately irritating (EU-RAR (2003)). Based on the above, it was classified as Category 2.
Serious eye damage/irritation:	Category 2B Mild [rabbit] Effect on animals : Conjunctival redness, edema, and excretion were observed in all animals 1 hour after application in a study (OECD TG 405, GLP) in which 0.1 mL of test substance was applied to 6 rabbits, and symptoms persisted after 24 and 48 hours. However, it diminished thereafter, and only redness disappeared 72 hours later, and all disappeared on the 7th day, and it was concluded that it was mild eye irritation (EU-RAR (2003)). Based on the above, it was classified as Category 2B.
Respiratory sensitization:	Classification not possible
Skin sensitization:	Effect on person : No data available No Classification Effect on person : Toluene is not a skin sensitizer in humans, Effect on animals : Based on the results of guinea pig maximization tests (EU-RAR No. 30, 2003) suggesting that toluene causes no skin irritation.
Mutagenicity:	 No Classification Two negative results in a dominant lethality study (germ cell in vivo mutagenicity study) administered orally or by inhalation to mice (NITE Initial Risk Assessment Report .87 (2006)). Five negative results in a chromosomal aberration test (somatic cell in vivo mutagenicity test) using bone marrow cells orally, inhaled or intraperitoneally administered to mice or rats (NITE Initial Risk Assessment Report .87 (2006), EHC 52 (1985), EU-RAR (2003)). Two negative results in a micronucleus test (somatic cell in vivo mutagenicity test) using bone marrow cells administered orally or intraperitoneally to mice (NITE Initial Risk Assessment Report 87 (2006), NTP DB (Access on Apr.). 2012)). Based on the above, it was excluded from the classification.



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Carcinogenicity:	Classification not possible
	ACGIH:A4,
	EPA:Inadequate information to assess carcinogenic
	potential,
	IARC:3
Reproductive toxicity:	Category 1A
	Preterm birth, small head, low-set ears, nose, maxilla,
	palpebral fissure and other facial features similar to fetal
	alcohol syndrome, growth inhibition and hyperactivity were observed in pregnant women who inhaled high
	concentrations of toluene or for a long period of time (NITE
	Initial Risk Assessment Report 87 (2006) IARC 71 (1999))
	An enidemiological study of 300 malformations in Canada
	between 1982 and 1982 showed an increased risk of
	increased congenital malformations among women with
	occupational exposure to aromatic solvents, especially
	toluene (ACGIH (2007)). In addition, a cohort of women
	whose solvent exposure was monitored for a period of time was investigated for spontaneous abortion (case-control
	study) and the adda ratio for anontoneous abortion case control
	women expected to tolyone at least three times a week
	Increased indicating the risk of toluone exposure (IABC 71
	(1000))
	(1999). Based on the above knowledge of human expessive it was
	classified as Category 1A
	In addition, from the description that "toluone easily passes
	through the placents and is secreted into breast milk" (SIDS
	(I) (Access on Apr. 2012)) "Additional estorem: Effect on on
	(a) (Access on Apr. 2012)), Additional category. Effect on or

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Target organ effect/Single exposure: Category 1(central nerve system) Category 3(respiratory tract irritation, anesthetic action) Inhalation exposure to 750 mg / m3 for 8 hours in humans leads to muscle weakness, confusion, dysregulation, mydriasis, severe fatigue at 3000 ppm, significant vomiting, mental confusion, and coma due to more severe accidental exposure. (IARC 47 (1989)). In addition, there are 15 cases of death by accidentally ingesting thinner containing this substance, and in the case of a 51-year-old man who died 30 minutes after ingesting a large amount of toluene, the cause of death was probably severe central nervous system depression. (IRIS tox. Review (2005)). A 46-year-old man who took about 1 quarter of paint thinner containing this substance showed severe central nervous system depression with severe abdominal pain, diarrhea, and gastric bleeding, but recovered after 36 hours of maintenance therapy. (IRIS tox. Review (2005)). In addition to the above, many effects of this substance on the central nervous system have been reported, and it is classified as Category 1 (central nervous system).

It is well known that in humans, this substance easily causes anesthesia due to high concentrations of acute exposure, and there are many cases of workers who lose consciousness due to this substance vapor (EHC 52 (1985)). Volunteers exposed to low concentrations (200 ppm) showed transient mild upper respiratory tract irritation (PATTY (5th, 2001)), and were classified as Category 3 (airway irritant). In animal studies, anesthetic action was reported in mice or rats after inhalation exposure (IARC 47 (1989)), so it was classified as Category 3 (anesthetic action).



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Target organ effect/Multi exposure: Category 1(central nerve system, kidney) An epidemiological study of 30 print workers and 72 controls who had been exposed to toluene for an average of 29 years found fatigue, memory loss, difficulty concentrating, emotional instability, and other neurodebilitating symptoms compared to controls. Significantly more in print workers, and significantly inferior in neuropsychological tests. In addition, toluene addicts had ataxia, joint dyskinesia, tremor of limbs, and diffuse atrophy of the cerebrum. (Industrial Medicine Vol. 36 (1994)). In particular, it has been reported that high-concentration exposure causes morphological changes such as brain atrophy and changes in white matter of the brain as well as dysfunction of the central nervous system (Industrial Medicine Vol. 36 (1994)). There are many reports of the occurrence of central nervous system disorders, and it is classified as Category 1 (central nervous system). On the other hand, a 19-year-old man who had been inhaling a solvent containing toluene due to his habit, was hospitalized with continuous nausea and vomiting, and renal biopsy showed interstitial nephritis and showed renal damage (Industrial Medicine Vol. 36 (1994).)), A 26-year-old man who was drinking a solvent containing toluene, who had acute renal failure and was considered to be nephrotoxic to toluene (Industrial Medicine Vol. 36 (1994)), and inhaled toluene due to his habit. A 17-year-old woman hospitalized for limb paralysis was diagnosed with renal tubular acidosis, and limb hemorrhage was attributed to renal tubular injury due to toluene poisoning (Industrial Medicine Vol. 36 (1994)). Based on the above, it was classified as Category 1 $\,$ (kidney). There is one report that exposure to toluene showed an increase in liver enzymes, which is an indicator of liver damage, but there is also a report that it was not seen (EU-RAR (2003)). In repeated oral or inhalation studies in rats and mice, no adverse findings were reported at doses within the guidance range (NITE Initial Risk Assessment Report 87 (2006), EU-RAR (2003), EHC). 52 (1985)). Liver was not used as a basis for classification as no adverse effects on the liver were reported within the guidance values in repeated oral

and inhalation studies in rats and mice.



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Product Name:	ANTOX MS-6	60	
Respiratory t	oxic:	Category 1	

Effect on person : It is a hydrocarbon and has a kinematic viscosity of 0.86 mm2 / s (40 ° C) (calculated value). Therefore, it was classified as Category 1. There is also a statement that in humans, direct contact of aspirate liquid toluene with lung tissue causes severe irritation, or "chemical pneumonia" (DFGMAK-Doc.7 (1996)).

12. Ecological information

Product

Ecotoxicity	
Acute toxicity:	No Classification
Fish:	LC50: 129 mg/L[Oryzias latipes]
Chronic toxicity:	Classification not possible
Persistence and degradability :	Not biodegradable
	No information.
Bioaccumulative potential :	Low bioconcentration
	No information.
Mobility in soil:	No information.
Hazardous to the ozone layer:	Classification not possible
Other impact :	No information.

Ingredient

Polyoxyethylene polystyrenated phenyl ether, and condensation with formaldehyde, methacrylate and ammonium sulfate

	Ecotoxicity	
	Acute toxicity:	No data
	Chronic toxicity:	No data
2-Propanol		
	Ecotoxicity	
	Acute toxicity:	No Classification
	Fish	96hrLC50≫ 100 mg/L[Oryzias latipes]
	Daphnia:	48hrEC50:> 1000 mg/L[Daphnia magna]
	Algae:	72hrErC50:> 1000 mg/L[Pseudokirchneriella subcapitata]
	Chronic toxicity:	No Classification
	Fish:	No data
	Daphnia:	21dayNOEC:> 100 mg/L[Daphnia magna]
	Algae:	No data
	Persistence and degradability :	Rapidly biodegradable
	Bioaccumulative potential :	No data
	Hazardous to the ozone layer:	Classification not possible



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Toluene

Ecotoxicity	
Acute toxicity:	Category 2
Fish:	No data
Daphnia:	48hrEC50: 3.78 mg/L[Ceriodaphnia dubia]
Algae:	No data
Chronic toxicity:	Category 3
Fish:	No data
Daphnia:	7dayNOEC: 0.74 mg/L[Ceriodaphnia dubia]
Algae:	No data
Persistence and degradability :	Rapidly biodegradable
Bioaccumulative potential :	Low bioaccumulation
Hazardous to the ozone layer:	Classification not possible

13. Disposal considerations

Disposal When waste materials and waste water are to be treated, collect them into specified containers methods: and entrust the disposal to a disposal contractor having an industrial waste disposal contractor permit.

Do not use the used containers for other purposes like filling other substances. Be sure to dispose of them after treating the content according to the above description. In case of recycling the container, return the container as it is after fitting a stopper without filling anything into it.

14. Transport information

Internation	UN	3
al	classification :	
regulations	UN number :	1993
	Proper shipping	FLAMMABLE LIQUID, N.O.S.
	name :	
	Packing	III
Domestic res	striction:	Transport the material in accordance with the regulations in your country or region.
Specific secu	rity precaution	Load the containers in such a way as not to wet with water, fall down, tumble, or
and condition of		being damaged. Cover the loaded cargo to prevent direct sunlight.
transportati	on:	
Emergency Response Guide		127
(ERG) Numl	bers:	

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15. Regulatory information

Regulatory information with regard to this substance in your country or region should be examined by your own responsibility.

16. Other information

Reference	Information obtained in NITE (National Institute of Technology and Evaluation) and other literature surveys.
Disclaimer	 About the description: This SDS was created in accordance with JIS Z 7253 based on the materials and data available at the time of creation. Detailed information such as composition and ingredients corresponding to overseas legal regulation registration confirmation etc. may not be described, so please contact our sales staff separately if necessary. Precautions are for normal handling. In case of special handling, it is the responsibility of the user to take safety measures suitable for the intended use and usage. We have paid close attention to the contents, but we do not guarantee the contents. This product can only be used for industrial purposes. If you want to use it for other purposes, please contact us in advance.