

SAFETY DATA SHEET

[1.PRODUCT AND COMPANY IDENTIFICATION]

PRODUCT NAME : AMPHITOL 24N
SUPPLIER : PT. Kao Indonesia Chemicals
ADDRESS : Jl. Harapan Raya Lot LL-3B, Kawasan Industri KIIC, Karawang 41361 West Java, Indonesia
DIVISION : Marketing Department
TELEPHONE NUMBER : +62-267-8634844, +62-21-29369954
FAX NUMBER : +62-267-8634845, +62-21-29369955
E-MAIL ADDRESS :
EMERGENCY TELEPHONE NUMBER : +62-21-29369954 (Ext. 1502)
RECOMMENDED USE :
AND RESTRICTIONS ON USE :

[2.HAZARDS IDENTIFICATION]

GHS CLASSIFICATION

PHYSICAL AND CHEMICAL HAZARDS : Not classified

HEALTH HAZARDS

ACUTE TOXICITY (Oral) : Not classified
ACUTE TOXICITY (Dermal) : Not classified
ACUTE TOXICITY (Inhalation) : Not applicable(Vapours)
SKIN CORROSION / IRRITATION : Category 2
SERIOUS EYE DAMAGE / EYE IRRITATION : Category 2A
RESPIRATORY SENSITIZATION : Classification not possible
SKIN SENSITIZATION : Not classified
GERM CELL MUTAGENICITY : Not classified
CARCINOGENICITY : Not classified
REPRODUCTIVE TOXICITY : Not classified
SPECIFIC TARGET ORGAN TOXICITY
- SINGLE EXPOSURE : Classification not possible
- REPEATED EXPOSURE : Not classified
ASPIRATION HAZARD : Classification not possible

ENVIRONMENTAL HAZARDS

HAZARDOUS TO THE AQUATIC ENVIRONMENT

- ACUTE HAZARD : Category 1
- LONG-TERM HAZARD : Not classified
- HAZARDOUS TO THE OZONE LAYER : Classification not possible

GHS LABEL ELEMENTS

PICTOGRAMS OR SYMBOLS :



SIGNAL WORD : Warning
HAZARD STATEMENTS : Causes skin irritation
Causes serious eye irritation
Very toxic to aquatic life

PRECAUTIONARY STATEMENTS

PREVENTION : Avoid release to the environment.
Wash thoroughly after handling.
Wear protective gloves/eye protection/face protection.

RESPONSE	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off contaminated clothing. Gently wash with plenty of water and soap. If skin irritation occurs, seek medical advice/attention. Call a POISON CENTER or doctor if you feel unwell. Collect spillage.
STORAGE	:
DISPOSAL	: Passed to a licensed waste contractor.
SAFE HANDLING ADVICE	: Refer to SDS.

[3.COMPOSITION / INFORMATION ON INGREDIENTS]

SUBSTANCE OR MIXTURE : Mixture

INGREDIENTS AND CONCENTRATION RANGE

Ingredients	Concentration Range(%)	CAS RN
Coco alkyl dimethyl amine oxides	Confidential	61788-90-7
Water, other components	Confidential	Yes

[4.FIRST-AID MEASURES]

IN CASE OF INHALATION	: Remove person to fresh air and keep comfortable for breathing.
IN CASE OF SKIN CONTACT	: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.
IN CASE OF EYE CONTACT	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
IN CASE OF INGESTION	: Call a POISON CENTER or doctor if you feel unwell.

[5.FIRE-FIGHTING MEASURES]

EXTINGUISHING MEDIA	: Powder, alcohol-resistant foam, water spray, carbon dioxide,sand
NOT SUITABLE EXTINGUISHING MEDIA	: No information available
SPECIFIC HAZARDS	: Produce irritating or toxic gases in a fire.
SPECIFIC METHODS	: Keep away from sources of ignition and use appropriate extinguishing media.Fight fire from upwind position if possible. Product itself is non-combustible.
PROTECTION OF FIRE FIGHTERS	: Use goggles in combination with dust mask, and other protections as appropriate to situation. Risk of producing harmful gases such as carbon monoxide and nitrogen oxides. Avoid inhalation of smoke or gases.

[6.ACCIDENTAL RELEASE MEASURES]

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURE	: Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.
ENVIRONMENTAL PRECAUTIONS	: Avoid release to the environment.
METHODS FOR CLEANING UP	: Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.
PREVENTION OF SECONDARY HAZARDS	: No information available

[7.HANDLING AND STORAGE]**HANDLING**

- TECHNICAL MEASURES : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
- PRECAUTIONS : No information available
- SAFE HANDLING ADVICE : Use an adequate ventilation.
Wash thoroughly after handling.
Use personal protective equipment as required.

STORAGE

- SUITABLE STORAGE CONDITIONS : Store container tightly closed in well-ventilated place.
- SAFE PACKAGING MATERIALS : No information available

[8.EXPOSURE CONTROLS / PERSONAL PROTECTION]

- ENGINEERING MEASURES : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Use an adequate ventilation.

LIMIT VALUES

- ACGIH (TLV) : Not established
- OSHA (PEL) : Not established

PERSONAL PROTECTIVE EQUIPMENT

- RESPIRATORY PROTECTION : Use as appropriate to situation.
- HAND PROTECTION : Rubber gloves
- EYE PROTECTION : Safety glasses
- SKIN AND BODY PROTECTION : Full-body suit
- HYGIENE MEASURES : No information available

[9.PHYSICAL AND CHEMICAL PROPERTIES]**APPEARANCE**

- PHYSICAL STATE : Liquid
- COLOUR : Light yellow clear
- ODOUR : Slightly characteristic odour
- pH : 7.5 (Undiluted solution)

**SPECIFIC TEMPERATURES / TEMPERATURE RANGES
AT WHICH CHANGES IN PHYSICAL STATE OCCUR**

- BOILING POINT : No information available
- MELTING POINT : No information available
- FLASH POINT : Not applicable

FLAMMABILITY OR EXPLOSIVE PROPERTIES

- FLAMMABILITY OR EXPLOSIVE LIMITS : UPPER LIMIT : No information available LOWER LIMIT : No information available
- VAPOUR PRESSURE : No information available
- VAPOUR DENSITY : No information available
- DENSITY (SPECIFIC GRAVITY) : 0.960 g/mL (25 °C) (77 °F)
- SOLUBILITY
- WATER SOLUBILITY : Soluble
- SOLVENT SOLUBILITY : Soluble in isopropyl alcohol
- PARTITION COEFFICIENT: n-OCTANOL / WATER (log Pow) : No information available
- AUTO-IGNITION TEMPERATURE : No information available
- DECOMPOSITION TEMPERATURE : No information available
- ODOUR THRESHOLD : No information available

EVAPORATION RATE	:	No information available
FLAMMABILITY (SOLID,GAS)	:	No information available
VISCOSITY	:	30 mPa.s (25 °C) (77 °F)
OTHER DATA	:	No information available

[10.STABILITY AND REACTIVITY]

CHEMICAL STABILITY	:	No information available
POSSIBILITY OF HAZARDOUS REACTIONS	:	Reacts with acids. Reacts with base.
CONDITIONS TO AVOID	:	No information available
INCOMPATIBLE MATERIALS	:	No information available
HAZARDOUS DECOMPOSITION PRODUCTS	:	No information available
OTHERS	:	No information available

[11.TOXICOLOGICAL INFORMATION]**ACUTE TOXICITY****Oral**

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	Coco alkyl dimethyl amine oxides: Category 4; Ref.(8)

Dermal

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available 35% of the mixture consists of ingredients of unknown toxicity.

Inhalation

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

SKIN CORROSION / IRRITATION

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	Coco alkyl dimethyl amine oxides: Category 2; Ref.(8)

SERIOUS EYE DAMAGE / IRRITATION

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	Coco alkyl dimethyl amine oxides: Category 2A; Ref.(8)

RESPIRATORY OR SKIN SENSITIZATION**RESPIRATORY**

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

SKIN

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

MUTAGENICITY (GERM CELL MUTAGENICITY)

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

CARCINOGENICITY

INFORMATION ON PRODUCT	:	No information available
INFORMATION ON INGREDIENTS	:	No information available

IARC	:	Not listed
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NTP	:	Not listed
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EU	:	Not listed
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OSHA : Not listed

REPRODUCTIVE TOXICITY

INFORMATION ON PRODUCT : No information available

INFORMATION ON INGREDIENTS : No information available

SPECIFIC TARGET ORGAN TOXICITY

- SINGLE EXPOSURE

INFORMATION ON PRODUCT : No information available

INFORMATION ON INGREDIENTS : No information available

- REPEATED EXPOSURE

INFORMATION ON PRODUCT : No information available

INFORMATION ON INGREDIENTS : No information available

ASPIRATION HAZARD

INFORMATION ON PRODUCT : No information available

INFORMATION ON INGREDIENTS : No information available

OTHER INFORMATION : No information available

[12.ECOLOGICAL INFORMATION]

ECOTOXICITY : No information available

PERSISTENCE / DEGRADABILITY : No information available

MOBILITY IN SOIL : No information available

BIOACCUMULATIVE POTENTIAL : No information available

OTHER ADVERSE EFFECTS : No information available

[13.DISPOSAL CONSIDERATIONS]

Review "HANDLING AND STORAGE (Section 7)".

Passed to a licensed waste contractor.

Incinerate with little portions.

Risk of producing harmful gases such as carbon monoxide and nitrogen oxides.

Dispose of waste in accordance with local, state and federal regulations.

[14.TRANSPORT INFORMATION]

Follow all regulations in your country or region

INTERNATIONAL REGULATIONS

UN CLASS / UN NUMBER	:	Class 9 / UN3082	
IATA	:	UN Number	UN3082
		Proper Shipping Name	Environmentally Hazardous Substance, Liquid, n.o.s.(containing Coco alkyl dimethyl amine oxides)
		Class	9
		Packing Group	III
IMDG	:	UN Number	UN3082
		Proper Shipping Name	Environmentally Hazardous Substance, Liquid, n.o.s.(containing Coco alkyl dimethyl amine oxides)
		Class	9
		Packing Group	III
		Additional Information	Marine pollutant

SPECIAL PRECAUTIONS FOR USER : Review "ACCIDENTAL RELEASE MEASURES (Section 6)".
Review "HANDLING AND STORAGE (Section 7)".

Ensure containers without breakage or leakage.
Ensure containers tightly fixed.
Follow all regulations in your country or region.
Emergency Response Guide(ERG) Numbers : 171

[15.REGULATORY INFORMATION]

Follow all regulations in your country or region.

INVENTORIES	:	ENCS(Japan)	2-198
		TSCA(USA)	Yes
		EINECS(EU)	263-016-9
		AICS(Australia)	Yes
		DSL(Canada)	Yes
		ECL(Korea)	KE-01124
		PICCS(Philippines)	Yes
		IECSC(China)	Yes

KAO Corporation is not able to check up the regulatory information in regard to the substances in your country or region,therefore,we request this matter would be filled by your responsibility.

[16.OTHER INFORMATION]

REFERENCE	:	-Safety data sheet for chemical products - Part 1: Content and order of sections(ISO 11014-1)
		-International Chemical Safety Cards(ICSC) (Compiler's Guide)(1994)
		(8)OECD SIDS

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