

## **Safety Data Sheet**

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SDS No.: 306026

V001.8 Revision: 05.03.2025

printing date: 21.03.2025

## Section 1. Identification of the substance/preparation and of the company/undertaking

#### **Product name:**

BONDERITE C-AK 1000 30KG

BONDERITE C-AK 1000 30KG

#### Other means of identification:

BONDERITE C-AK 1000 30KG

#### **Product code:**

IDH187691

Recommended use of the chemical and restrictions on use

#### **Intended use:**

Cleaners for Automobile

#### Identification of manufacturer, importer or distributor

**Manufacturer:** Henkel Thailand Ltd Amata Nakorn Industrial Estate, 700/349 Mu 6, Tambol Nong Mai Daeng, Amphur Muang, Chonburi 20000, Thailand. Phone: +6638456300 Fax: +6638456393

## E-mail address of person responsible for Safety Data Sheet:

ap-ua-psra.sea@henkel.com

#### **Emergency Telephone for Chemical Accidents:**

FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call: +662 209 8008

## Section 2. Hazards identification

#### **GHS Classification:**

Hazard Class	Hazard Category	Route of Exposure	<u>Target organ</u>
Skin corrosion/irritation	Category 1B		
Serious eye damage/eye irritation	Category 1		
Skin sensitizer	Category 1		
Specific target organ toxicity -	Category 3		respiratory tract irritation
single exposure			
Specific target organ toxicity -	Category 2	Inhalation	Respiratory system
repeated exposure			
Chronic hazards to the aquatic	Category 3		
environment			

## **GHS** label elements:

### Hazard pictogram:



## Signal word:

Danger

## BONDERITE C-AK 1000 30KG

#### **Hazard statement:**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

H412 Harmful to aquatic life with long lasting effects.

#### **Precaution:**

#### **Prevention:**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash hands thoroughly after handling.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

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

#### Responses

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340+P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or physician.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

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

P363 Wash contaminated clothing before reuse.

#### Storage:

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

#### Disposal:

P501 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.

## Section 3. Composition / information on ingredients

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## **BONDERITE C-AK 1000 30KG**

### **Substance or Mixture:**

Mixture

#### **Declaration of hazardous chemical:**

Hazard component CAS-No.	Content	GHS Classification
2-Aminoethanol	10- 30 %	Flammable liquids 4
141-43-5		H227
		Acute toxicity 4; Oral
		H302
		Acute toxicity 4; Inhalation
		H332
		Acute toxicity 4; Dermal
		H312
		Skin corrosion/irritation 1
		H314
		Serious eye damage/eye irritation 1 H318
		Specific target organ toxicity - single exposure 3 H335
		Acute hazards to the aquatic environment 2 H401
		Chronic hazards to the aquatic environment 3 H412
Alcohols, C12-15-branched and linear, ethoxylated	1- 10 %	Skin corrosion/irritation 2
propoxylated~		H315
120313-48-6		Acute hazards to the aquatic environment 1 H400
		Chronic hazards to the aquatic environment 3 H412
Alcohols, C12-14-secondary, 7EO / 4.5PO	1- 10 %	Acute hazards to the aquatic environment 2
103331-86-8		H401
		Chronic hazards to the aquatic environment 2 H411
2,2',2"-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol	1- 10 %	Acute toxicity 4; Oral
4719-04-4		H302
		Acute toxicity 2; Inhalation
		H330
		Serious eye damage/eye irritation 2A
		H319
		Skin sensitizer 1
		H317
		Specific target organ toxicity - repeated exposure 1;
		Inhalation
		H372
		Acute hazards to the aquatic environment 2 H401

## Section 4. First aid measures

#### Inhalation:

If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.

### Skin contact:

Remove contaminated clothing and footwear.

For skin contact, flush with large amounts of water. Seek immediate medical attention.

#### Eye contact:

In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

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#### **Ingestion:**

Do not induce vomiting.

Give one to two glasses of water or milk.

Never give anything by mouth to a victim who is unconscious or is having convulsions.

If adverse health effects develop seek medical attention.

#### Symptoms/effects, acute and delayed:

Pre-existing skin, eye and respiratory allergies.

## Section 5. Fire fighting measures

#### Suitable extinguishing media:

Use media appropriate for surrounding material.

#### Specific hazards arising from the chemical:

This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a moderate fire hazard.

#### Special protection equipment and precautions for firefighters:

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

### Section 6. Accidental release measures

#### **Environmental precautions:**

Do not empty into drains / surface water / ground water.

Dike the spilled material, where this is possible.

Ventilated area.

#### Clean-up methods:

Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

Dispose of contaminated material as waste according to Section 13.

## Section 7. Handling and storage

#### Handling:

Do not get in eyes.

Do not get on skin or clothing.

Wash thoroughly after handling.

#### Storage

Keep container tightly sealed.

Store in a cool, well-ventilated place.

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## Section 8. Exposure controls / personal protection

#### Components with specific control parameters for workplace:

ETHANOLAMINE 141-43-5	Value type	Short Term Exposure Limit (STEL):	
	ppm	6	
	Remarks	ACGIH	
ETHANOLAMINE 141-43-5	Value type	Time Weighted Average (TWA):	
	ppm	3	
	Remarks	TH OEL	
ETHANOLAMINE 141-43-5	Value type	Time Weighted Average (TWA):	
	ppm	3	
	Remarks	ACGIH	

#### **Respiratory protection:**

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

#### Hand protection:

Use impervious gloves.

#### Eye protection:

Wear chemical goggles; face shield (if splashing is possible).

#### **Body protection:**

Use of impervious apron and boots are recommended.

#### **Engineering controls:**

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

#### General protection and hygiene measures:

The workplace should be equipped with an emergency shower and eye-rinsing facility.

#### **Hygienic measures:**

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Take off contaminated clothing and wash before reuse.

## Section 9. Physical and chemical properties

Colourless / Colorless to light yellow Appearance:

> liquid None

Odor threshold (CA): No data available. 10.0 - 11.5 pH:(Concentration: 1.5 %

weight/volume)

Odor:

**Melting point / freezing point:** No data available.

Specific gravity: 1.04

**Boiling point:** No data available. Flash point: > 93 °C (> 199.4 °F)

(;;Flash point)

**Evaporation rate:** No data available. Flammability (solid, gas): No data available. Lower explosive limit: No data available. **Upper explosive limit:** No data available. Vapor pressure: No data available. Vapor density: No data available. **Density:** 1.02 - 1.05 g/ml

#### **BONDERITE C-AK 1000 30KG**

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Solubility: Soluble

Partition coefficient: n-

octanol/water:

No data available.

Auto ignition:No data available.Decomposition temperature:No data available.Viscosity:No data available.

**VOC content:** No data available.

## Section 10. Stability and reactivity

#### Reactivity/Incompatible materials:

Strong acids and oxidizing agents.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

Will not occur.

Conditions to avoid:

Avoid excessive heat and ignition sources.

Hazardous decomposition products:

None if used for intended purpose.

## Section 11. Toxicological information

**Oral toxicity:** Acute toxicity estimate (ATE) : > 2,000 mg/kg

Method: Calculation method

**Inhalative toxicity:** Acute toxicity estimate (ATE) : > 5 mg/l

Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

**Dermal toxicity:** Acute toxicity estimate (ATE) : > 2,000 mg/kg

Method: Calculation method

**Health Effects:** 

Ingestion: This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Harmful if swallowed.

Skin: Contact with the skin or mucous membranes will cause severe burns and possible ulceration.

Eyes: This product is irritating to the eyes.

Inhalation: Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Harmful by inhalation.

Symptoms of Overexposure: None known.

### Acute oral toxicity:

2-Aminoethanol	Value type	LD50
141-43-5	Value	1,089 mg/kg
	Species	rat
	Method	equivalent or similar to OECD Guideline 401 (Acute Oral Toxicity)
Alcohols, C12-15-branched and	Value type	LD50
linear, ethoxylated propoxylated~	Value	> 5,000 mg/kg
120313-48-6	Species	rat
	Method	not specified
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	LD50
1,3,5-triyl)triethanol	Value	1,000 mg/kg
4719-04-4	Species	rat
	Method	OECD Guideline 401 (Acute Oral Toxicity)

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## Acute inhalative toxicity:

2-Aminoethanol	Value type	Acute toxicity estimate (ATE)
141-43-5	Value	1.5 mg/l
	Exposure time	
	Species	
	Method	Expert judgement
2-Aminoethanol	Value type	LC50
141-43-5	Value	1 - 5 mg/l
	Exposure time	4 h
	Species	rat
	Method	not specified
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	LC50
1,3,5-triyl)triethanol	Value	0.371 mg/l
4719-04-4	Exposure time	4 h
	Species	rat
	Method	OECD Guideline 403 (Acute Inhalation Toxicity)

## Acute dermal toxicity:

2-Aminoethanol	Value type	LD50	
141-43-5	Value	1,025 mg/kg	
	Species	rabbit	
	Method	not specified	
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	LD50	
2,2',2"-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol	Value type Value	LD50 > 4,000 mg/kg	

### Skin corrosion/irritation:

2-Aminoethanol	Result	corrosive
141-43-5	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
2-Aminoethanol	Result	corrosive
141-43-5	Exposure time	4 h
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
2-Aminoethanol	Result	corrosive
141-43-5	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Alcohols, C12-15-branched and linear,	Result	Category 2 (irritant)
ethoxylated propoxylated~	Exposure time	
120313-48-6	Species	rabbit
	Method	Draize Test
2,2',2"-(hexahydro-1,3,5- triazine-1,3,5-	Result	not irritating
triyl)triethanol	Exposure time	4 h
4719-04-4	Species	rabbit
	Method	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

## Serious eye damage/irritation:

2-Aminoethanol	Result	Category 1 (irreversible effects on the eye)
141-43-5	Exposure time	
	Species	rabbit
	Method	equivalent or similar to OECD Guideline 405 (Acute Eye Irritation / Corrosion)
2,2',2"-(hexahydro-1,3,5- triazine-1,3,5-	Result	irritating
triyl)triethanol	Exposure time	
4719-04-4	Species	rabbit
	Method	OECD Guideline 405 (Acute Eye Irritation / Corrosion)

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## Respiratory or skin sensitization:

2-Aminoethanol	Result	not sensitising
141-43-5	Test type	Guinea pig maximisation test
	Species	guinea pig
	Method	not specified
2,2',2"-(hexahydro-1,3,5- triazine-	Result	sensitising
1,3,5-triyl)triethanol	Test type	Mouse local lymphnode assay (LLNA)
4719-04-4	Species	mouse
	Method	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)

## Germ cell mutagenicity:

2-Aminoethanol	Result	negative
141-43-5	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
	Metabolic activation / Exposure time	with and without
	Method	equivalent or similar to OECD Guideline 471 (Bacterial
		Reverse Mutation Assay)
2-Aminoethanol	Result	negative
141-43-5	Type of study / Route of administration	in vitro mammalian chromosome aberration test
	Metabolic activation / Exposure time	without
	Method	equivalent or similar to OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
2-Aminoethanol	Result	negative
141-43-5	Type of study / Route of administration	mammalian cell gene mutation assay
	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
2-Aminoethanol	Result	negative
141-43-5	Type of study / Route of administration	oral: gavage
	Metabolic activation / Exposure time	
	Species	mouse
	Method	OECD Guideline 474 (Mammalian Erythrocyte
		Micronucleus Test)
2,2',2"-(hexahydro-1,3,5-	Result	negative
triazine-1,3,5-triyl)triethanol	Type of study / Route of administration	bacterial reverse mutation assay (e.g Ames test)
4719-04-4	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 471 (Bacterial Reverse Mutation Assay)
2,2',2"-(hexahydro-1,3,5-	Result	positive
triazine-1,3,5-triyl)triethanol	Type of study / Route of administration	in vitro mammalian chromosome aberration test
4719-04-4	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
2,2',2"-(hexahydro-1,3,5-	Result	negative
triazine-1,3,5-triyl)triethanol	Type of study / Route of administration	mammalian cell gene mutation assay
4719-04-4	Metabolic activation / Exposure time	with and without
	Method	OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
2,2',2"-(hexahydro-1,3,5-	Result	negative
triazine-1,3,5-triyl)triethanol	Type of study / Route of administration	intraperitoneal
4719-04-4	Metabolic activation / Exposure time	
	Species	mouse
	Method	OECD Guideline 474 (Mammalian Erythrocyte
		Micronucleus Test)

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## Repeated dose toxicity:

2-Aminoethanol	Result	NOAEL=300 mg/kg
141-43-5	Route of application	oral: feed
	Exposure time / Frequency of treatment	> 75 ddaily
	Species	rat
	Method	other guideline:
2,2',2"-(hexahydro-1,3,5-	Result	NOAEL=100 mg/kg
triazine-1,3,5-triyl)triethanol	Route of application	oral: gavage
4719-04-4	Exposure time / Frequency of treatment	12 weeksdaily, 5 d/week
	Species	rat
	Method	EU Method B.7 (Repeated Dose (28 Days) Toxicity
		(Oral))
2,2',2"-(hexahydro-1,3,5-	Result	NOAEL=64 mg/kg
triazine-1,3,5-triyl)triethanol	Route of application	oral: gavage
4719-04-4	Exposure time / Frequency of treatment	3 monthscontinuously
	Species	rat
	Method	OECD Guideline 408 (Repeated Dose 90-Day Oral
		Toxicity in Rodents)
2,2',2"-(hexahydro-1,3,5-	Result	LOAEL=0.003 mg/l
triazine-1,3,5-triyl)triethanol	Route of application	inhalation: aerosol
4719-04-4	Exposure time / Frequency of treatment	4 weeks6 h/d, 5 d/week
	Species	rat
	Method	OECD Guideline 412 (Repeated Dose Inhalation Toxicity:
		28/14-Day)
2,2',2"-(hexahydro-1,3,5-	Result	NOAEL=250 mg/kg
triazine-1,3,5-triyl)triethanol	Route of application	dermal
4719-04-4	Exposure time / Frequency of treatment	90 d6 h/d, 5 d/week
	Species	rat
	Method	EPA OPPTS 870.3250 (Subchronic Dermal Toxicity 90
		Days)

# Section 12. Ecological information

**General ecological information:** Do not empty into drains / surface water / ground water.

**Ecotoxicity:** H412 Harmful to aquatic life with long lasting effects.

## **Toxicity:**

2-Aminoethanol	Value type	LC50
141-43-5	Value	349 mg/l
	Acute Toxicity Study	Fish
	Exposure time	96 h
	Species	Cyprinus carpio
	Method	EU Method C.1 (Acute Toxicity for Fish)
	Value type	NOEC
	Value	1.24 mg/l
	Acute Toxicity Study	Fish
	Exposure time	41 d
	Species	Oryzias latipes
	Method	OECD Guideline 210 (fish early lite stage toxicity test)
2-Aminoethanol	Value type	EC50
141-43-5	Value	27.04 mg/l
	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Aminoethanol	Value type	EC50
141-43-5	Value	2.8 mg/l

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	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata (reported as Raphidocelis subcapitata)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	EC10
	Value	0.7 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Pseudokirchneriella subcapitata (reported as Raphidocelis subcapitata)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Aminoethanol	Value type	EC10
141-43-5	Value	> 1,000 mg/l
	Acute Toxicity Study	Bacteria
	Exposure time	3 h
	Species	activated sludge, domestic
	Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Alcohols, C12-15-branched and	Value type	LC50
linear, ethoxylated propoxylated~ 120313-48-6	Value	> 1 - < 10 mg/l
120313-46-0	Acute Toxicity Study	Fish 96 h
	Exposure time Species	not specified
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
Alcohols, C12-15-branched and	Value type	EC50
linear, ethoxylated propoxylated~	Value	> 0.1 - 1 mg/l
120313-48-6	Acute Toxicity Study	Daphnia Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Alcohols, C12-15-branched and	Value type	EC50
linear, ethoxylated propoxylated~	Value	> 0.1 - 1 mg/l
120313-48-6	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	EC10
	Value	> 0.1 - < 1 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	LC50
1,3,5-triyl)triethanol 4719-04-4	Value	16.07 mg/l
4/19-04-4	Acute Toxicity Study	Fish
	Exposure time Species	96 h Brachydanio rerio (new name: Danio rerio)
	Method	OECD Guideline 203 (Fish, Acute Toxicity Test)
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	EC50
1,3,5-triyl)triethanol	Value	11.9 mg/l
4719-04-4	Acute Toxicity Study	Daphnia
	Exposure time	48 h
	Species	Daphnia magna
	Method	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	NOEC
1,3,5-triyl)triethanol	Value	1.56 mg/l
4719-04-4	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Desmodesmus subspicatus
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
	Value type	EC50
	Value	6.66 mg/l
	Acute Toxicity Study	Algae
	Exposure time	72 h
	Species	Desmodesmus subspicatus
	Method	OECD Guideline 201 (Alga, Growth Inhibition Test)
2,2',2"-(hexahydro-1,3,5- triazine-	Value type	EC20
1,3,5-triyl)triethanol	Value	170 mg/l
4719-04-4	Acute Toxicity Study	Bacteria
	Exposure time	30 min
	Species	activated sludge, domestic
	Method	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

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### Persistence and degradability:

2-Aminoethanol 141-43-5	Result	readily biodegradable
	Route of application	aerobic
	Degradability	> 80 %
	Method	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Alcohols, C12-15-branched and linear, ethoxylated propoxylated~ 120313-48-6	Result	readily biodegradable
	Route of application	not specified
	Degradability	> 60 %
	Method	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
2,2',2"-(hexahydro-1,3,5- triazine-1,3,5-triyl)triethanol 4719-04-4	Result	readily biodegradable
	Route of application	aerobic
	Degradability	> 90 - 100 %
	Method	OECD Guideline 301 A (new version) (Ready Biodegradability: DOC Die Away Test)

### Bioaccumulative potential / Mobility in soil:

2-Aminoethanol	LogPow	-1.91
141-43-5	Temperature	25 °C
	Method	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake
		Flask Method)
2,2',2"-(hexahydro-1,3,5-	LogPow	-2
triazine-1,3,5-triyl)triethanol	Temperature	24 °C
4719-04-4	Method	EU Method A.8 (Partition Coefficient)

# Section 13. Disposal considerations

### **Product**

### Method of disposal:

Dispose of in accordance with local and national regulations.

## **Packaging**

## Disposal of uncleaned packages:

Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

## Section 14. Transport information

## Road transport ADR:

Class: 8
Packing group: III
Classification code: C7
Hazard ident. number: 80
UN no.: 2491
Label: 8

Technical name: ETHANOLAMINE, SOLUTION

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### **BONDERITE C-AK 1000 30KG**

## Railroad transport RID:

Class: 8
Packing group: III
Classification code: C7
Hazard ident. number: 80
UN no.: 2491
Label: 8

Technical name: ETHANOLAMINE, SOLUTION

### Inland water transport ADN:

Class: 8
Packing group: III
Classification code: C7
Hazard ident. number: 80
UN no.: 2491
Label: 8

Technical name: ETHANOLAMINE, SOLUTION

#### **Marine transport IMDG:**

 Class:
 8

 Packing group:
 III

 UN no.:
 2491

 Label:
 8

 EmS:
 F-A ,S-B

Seawater pollutant:

Proper shipping name: ETHANOLAMINE SOLUTION

### Air transport IATA:

Class: 8
Packing group: III
Packaging instructions (passenger): 852
Packaging instructions (cargo): 856
UN no.: 2491
Label: 8

Proper shipping name: Ethanolamine solution

## Section 15. Regulatory information

#### **Regulatory Information:**

Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555

#### Global inventory status:

Regulatory list Notification

KECI (KR) yes PICCS (PH) yes IECSC yes SDS No.: 306026

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## Section 16. Other information

#### Disclaimer:

This Safety Data Sheet has been generated based on Ministry of Industry Notice. The system to classify and communicate the hazard of hazardous material, BE. 2555 only. No warranty or representation of any kind is given with respect to the substantive or export laws of any other jurisdiction or country. Please confirm that the information provided herein conforms to the substantive export or other law of any other jurisdiction prior to export. Please contact Henkel Product Safety and Regulatory Affairs for additional assistance.

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

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