

## Safety Data Sheet Tech Cool 35200

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### 1. Identification

**Product identifier used on the label**

**Tech Cool 35200**

**Recommended use of the chemical and restriction on use**

Recommended use\*: lubricants

Unsuitable for use: Uses other than recommended

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**Details of the supplier of the safety data sheet**

Company:

Chemetall U.S., Inc.

675 Central Avenue

New Providence, NJ 07974 – USA

+1 800 526-4473

sds.na-chemetall@basf.com

**Emergency telephone number**

Telephone: 800-424-9300, 1-703-527-3887

**Other means of identification**

Chemical family: aqueous solution, organic

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### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

**Classification of the product**

Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Aquatic Acute	3	Hazardous to the aquatic environment - acute
Skin Corr./Irrit.	2	Skin corrosion/irritation

**Label elements**

Pictogram:

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Signal Word:  
Danger

### Hazard Statement:

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H402 Harmful to aquatic life.

### Precautionary Statements (Prevention):

P273 Avoid release to the environment.  
P280 Wear protective gloves, protective clothing and eye protection or face protection.  
P264 Wash contaminated body parts thoroughly after handling.

### Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P362 + P364 Take off contaminated clothing and wash it before reuse.  
P321 Specific treatment (see on this label).

### Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste collection point.

### Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

## 3. Composition / Information on Ingredients

### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Distillates (petroleum), hydrotreated heavy naphthenic

CAS Number: 64742-52-5

Content (W/W):  $\geq 20.0$  -  $< 25.0\%$

Synonym: H304, Note L ! IP 346  $< 3\%$ ,  $\leq 20,5\text{mm}^2/\text{s}$  bei  $40^\circ\text{C}$  ( $=7\text{mm}^2/\text{s}$  bei  $40^\circ\text{C}$ )

2-Butylaminoethanol

CAS Number: 111-75-1

Content (W/W):  $\geq 1.0$  -  $< 3.0\%$

Synonym: No data available.

Distillates (petroleum), solvent-dewaxed light paraffinic

CAS Number: 64742-56-9

Content (W/W):  $\geq 1.0$  -  $< 3.0\%$

Synonym: non-hazardous - kein Gefahrstoff

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Potassium hydroxide  
CAS Number: 1310-58-3  
Content (W/W):  $\geq 1.0 - < 3.0\%$   
Synonym: Potassium hydroxide

### 4. First-Aid Measures

#### Description of first aid measures

##### General advice:

First aid personnel should pay attention to their own safety. Remove affected person from danger area. Immediately remove contaminated clothing.

##### If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice.

##### If on skin:

Wash affected areas thoroughly with soap and water. If symptoms persist, seek medical advice.

##### If in eyes:

Rinse immediately with plenty of water, also under the eyelids, for at least 30 minutes. Seek medical attention.

##### If swallowed:

Rinse mouth immediately with water. Do not induce vomiting. Seek medical attention.

#### Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

*Information on: Potassium hydroxide*

*Symptoms: Overexposure may cause: vomiting, dyspnea, collapse, diarrhea, coughing, severe pain*

#### Indication of any immediate medical attention and special treatment needed

##### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

### 5. Fire-Fighting Measures

#### Extinguishing media

Suitable extinguishing media:

carbon dioxide, dry powder, alcohol-resistant foam, water spray

Unsuitable extinguishing media for safety reasons:

water jet

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### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
carbon oxides, nitrogen oxides

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Appropriate breathing apparatus may be required.

### Further information:

Cool endangered containers with water-spray. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

### Methods and material for containment and cleaning up

Ensure adequate ventilation. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents. Collect waste in suitable containers, which can be labeled and sealed.

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## 7. Handling and Storage

### Precautions for safe handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

### Protection against fire and explosion:

Keep away from sources of ignition - No smoking. The relevant fire protection measures should be noted.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethyleneterephthalate (PET), Polypropylene (PP), Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep only in the original container. Keep container tightly closed in a cool, well-ventilated place. Avoid direct sunlight. Protect from frost.

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### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

Distillates (petroleum), hydrotreated heavy naphthenic	OSHA PEL	PEL 5 mg/m3 Mist ; PEL 500 ppm 2,000 mg/m3 ; TWA value 5 mg/m3 Mist ;
	ACGIH TLV	TWA value 5 mg/m3 Inhalable fraction ; ; Exposure by all routes should be carefully controlled to levels as low as possible. ; Included in the regulation, but with no data values - See the regulation for further details

Distillates (petroleum), solvent-dewaxed light paraffinic	OSHA PEL	PEL 5 mg/m3 Mist ; TWA value 5 mg/m3 Mist ;
	ACGIH TLV	TWA value 5 mg/m3 Inhalable fraction ; ; Included in the regulation, but with no data values - See the regulation for further details ; Exposure by all routes should be carefully controlled to levels as low as possible.

Potassium hydroxide	OSHA PEL	CLV 2 mg/m3 ;
	ACGIH TLV	CLV 2 mg/m3 ;

#### **Advice on system design:**

Use only in well-ventilated areas.

#### Personal protective equipment

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate.

##### **Hand protection:**

Chemical resistant protective gloves (EN 374), Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions. The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

##### **Eye protection:**

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

##### **Body protection:**

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

##### **General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Do not breathe vapour/spray. Avoid contact with the skin, eyes and clothing. Eye wash fountains and safety showers must be easily accessible. Take off immediately all contaminated clothing. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift.

### 9. Physical and Chemical Properties

Form:	liquid
Odour:	mild

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Colour:	amber
pH value:	9.0 - 9.9 ( 50.6 g/l, 20 °C).
Freezing point:	-4 °C
onset of boiling:	not determined
Flash point:	> 93 °C
Flammability:	hardly combustible
Lower explosion limit:	not determined
Upper explosion limit:	not applicable
Autoignition:	not determined
Vapour pressure:	( 20 °C) not determined
Density:	1.010 g/cm <sup>3</sup> ( 20 °C)
Partitioning coefficient n-octanol/water (log Pow):	No data available.
Viscosity, kinematic:	30 mm <sup>2</sup> /s ( 40 °C)
Solubility in water:	emulsifiable
Miscibility with water:	miscible

## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:  
not fire-propagating

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

None if used for intended purpose.

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

Possible decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

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### Acute toxicity

Assessment of acute toxicity: Based on available Data, the classification criteria are not met.

### **Chronic Toxicity/Effects**

#### Repeated dose toxicity

Assessment of repeated dose toxicity: Based on available Data, the classification criteria are not met.

#### Other Information

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological Information

### **Bioaccumulative potential**

#### Bioaccumulation potential

No data available.

### **Mobility in soil**

#### Assessment transport between environmental compartments

No data available.

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## 13. Disposal considerations

### **Waste disposal of substance:**

Observe national and local legal requirements.

### **Container disposal:**

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

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## 14. Transport Information

### **Land transport**

USDOT

Not classified as a dangerous good under transport regulations

### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

### **Air transport**

IATA/ICAO

Not classified as a dangerous good under transport regulations

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### 15. Regulatory Information

#### Federal Regulations

##### **Registration status:**

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### State regulations

##### State RTK

	<u>CAS Number</u>	<u>Chemical name</u>
NJ	1310-58-3	Potassium hydroxide
	64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic
	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
PA	64742-52-5	Distillates (petroleum), hydrotreated heavy naphthenic
	110-97-4	1,1'-iminodipropen-2-ol
	1310-58-3	Potassium hydroxide
	64742-56-9	Distillates (petroleum), solvent-dewaxed light paraffinic

**Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

#### **BASF Risk Assessment, CA Prop. 65:**

Based on an evaluation of the product's composition and the use(s), this product does not require a California Proposition 65 Warning.

#### **NFPA Hazard codes:**

Health: 2 Fire: 1 Reactivity: 0 Special:

#### **HMIS III rating**

Health: 2 Flammability: 1 Physical hazard: 0

#### **Assessment of the hazard classes according to UN GHS criteria (most recent version):**

Skin Corr./Irrit.	3	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation

### 16. Other Information

#### **SDS Prepared by:**

Chemetall (now part of BASF Group) NA Product Regulations  
SDS Prepared on: 2020/02/19

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