Pnt CETAC 29

1 - IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Identification of the substance:

Product Name: Pnt CETAC 29
INCI Name: CETRIMONIUM CHLORIDE

Company identification:

Registered company name: Point Group
Address: Barbaros Mah. Al Zambak Sk. Varyap Meridian A Blok No.: 2 Ic Kapi No.: 115 Atasehir/Istanbul, Turkey. Zip Code: 34746.
Tel: +902165041987, Fax: +902165048713, Email: info@pointgroup-kozmetik.com

Emergency telephone: In case of chemical emergency involving transportation spills, leaks, fires or accidents, call **CHEMTREC**
Within USA and Canada: 1-800-424-9300 CCN691952
Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

Recommended use of the chemical

General uses: Conditioner. Used in personal care products.
Restrictions on use: None

2 - HAZARDS IDENTIFICATION

The hazard classification of the chemical:

Acute Tox. 4	H302
Skin Corr. 1C	H314
Eye Dam. 1	H318
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Signal word: Danger
Hazard statement:

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Cause Serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Pictograms:

Precautionary statement:
Prevention
P264 Wash thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P280 wear protective gloves /eye protection/face protection/respiratory protection
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area
P273 Avoid release to the environment If this is not the intended use.
Response
P301+P312 IF SWALLOWED: Call a poison CEntER or doctor/ physician if you feel unwell
P330 Rinse mouth
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment （see on this label）. Reference to supplemental first aid instruction
P332+P331 If skin irritation occurs: Get medical advice/attention
P362 Take off contaminated clothing and wash before reuse
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes Remove contact lenses, if present and easy to do Continue
P337+P313 If eye irritation persists: Get medical advice/attention
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a poison center or doctor/physician if you feel unw
P391 Collect spillage

Other hazards which do not result in classification:
None.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

INCI Name	Content %	CAS#
CETRIMONIUM CHLORIDE	29-31%	112-02-7
AQUA	69-71%	7732-18-5

4 - FIRST AID MEASURES

Description of first aid measures
General advice
Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.
If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
No data available

5 - FIRE-FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas.

5.3 Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information
No data available.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Reference to other sections
For disposal see section 13.

7 - HANDLING AND STORAGE

Precautions for safe handling
Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.
Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Storage class (TRGS 510): Non Combustible Solids

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Hazardous components without workplace control parameters.

Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 480 min

Material tested: Dermatril® (KCL 740 / Aldrich Z677272, Size M)

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: Liquid

Important health, safety and environmental information:

Appearance:	Transparent liquid
Odor:	No data available.
pH:	5.0-8.0 (10% in water solution)
Boiling point:	82.2 ℃ at 760mmHg.
Flash point:	No data available.
Thermal decomposition:	No data available.
Vapour pressure:	No data available.
Density:	No data available.
Density:	No data available.
Solubility in water:	soluble.
Vapor density:	>1

Other information

No data available

10 - STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

No data available

Conditions to avoid

No data available

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

Other decomposition products - No data available

In the event of fire: see section 5.

11 - TOXICOLOGICAL INFORMATION

Acute toxicity

Acute toxicity (Oral):

1333 mg/kg<ATEmix< 2000 mg/kg

Cetyl trimethyl ammonium chloride

mouse 600>LD50>400 mg/kg (HPVIS)

H302 Harmful if swallowed.

Acute toxicity (Dermal):

Cetyl trimethyl ammonium chlorid: Rabbit LD50=4300 uL/kg (=4300 mg/kg) (NLM:ChemIDPlus)

Acute toxicity (inhalation):

No data.

Skin corrosion/irritation

Liquid irritating to skin (NLM:HSDBD)

H314 Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Vapor and liquid irritating to eyes (NLM:HSDB)

H318 Causes serious eye damage.

Respiratory or skin sensitisation

No sensitizer (Magnusson Kligman test)

Germ cell mutagenicity

Cetyl trimethyl ammonium chloride

In vitro Neoplastic transformations of hamster embryo cells: negative

Ames test（Mutagenic for Salmonella typhimurium negative (NLM:HSDB)

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

Cetyl trimethyl ammonium chloride

Rabbit dermal 11days NoAEL（maternal/fetal）=40 mg/kg (HPVIS)

Additional Information

None

12 - ECOLOGICAL INFORMATION

Toxicity

LC50m=0.03 mg/L

Cetyl trimethyl ammonium chloride

Fish Lepomis macrochirus 96hr LC50=0.1 mg/L H400 Very toxic to aquatic life.
Daphnia magna 48hr LC50=0.01 mg/L (ECOTOX)
H410 Very toxic to aquatic life with long lasting effects.

Persistence and degradability
Cetyl trimethyl ammonium chloride
84% degradation after 13 days (NLM:HSDB)
Log kow=3.23 (NLM:HSDB)

Bioaccumulative potentia
Cetyl trimethyl ammonium chloride
The potential for bioconcentration in aquatic rganisms is moderate. (NLM:HSDB)

Mobility in soil
No data.

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other relevant toxicity information:
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

13 - DISPOSAL CONSIDERATIONS

Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated packaging
Dispose of as unused product.

14 - TRANSPORT INFORMATION

IMDG
UN number: 1760 Class: 8 Packing group: III
Proper shipping name: CORROSIVE LIQUID, N.O.S.

IATA
UN number: 1760 Class: 8 Packing group: III
Proper shipping name: CORROSIVE LIQUID, N.O.S.

Further information
None.

15 - REGULATORY INFORMATION

Federal and State Regulations:
TSCA 8(b) inventory: listed

Other Regulations:
EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances. (EC# 203-928-6)
Other Classifications:

IECSC (China): listed.
NZIoC (New Zealand): listed.
PICCS (Philippine): listed.
AICS (Australia): listed.
DSL (Canada): listed.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.
The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handing instructions.
It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.
The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties.

Compliant with regulations The Hazard Communication Standard (HCS) (29 CFR 1910.1200(g))
Version<1.1>
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