

KARTA BEZPIECZEŃSTWA

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Identyfikacja produktu

Nazwa produktu: AEK285-N

1.2 Istotne zidentyfikowane zastosowania substancji lub mieszaniny oraz zastosowania odradzane

Zidentyfikowane zastosowania: Środek chłodniczy smar do sprężarek

Zastosowania odradzane: Nie określono.

1.3 Dane dotyczące dostawcy karty charakterystyki Dostawca

Snap-on Climate Solutions s.r.l.

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Address of the person in charge: same

Telephone: +39 055 4207372

Technician in charge for the MSDS: Mr. Alberto Bechis

1.4 Emergency telephone number:

W celu uzyskania pilnych informacji skontaktuj się z Centrum Toksykologicznym przy najbliższym szpitalu

SEKCJA 2: Identyfikacja zagrożeń

2.1 Klasyfikacja substancji lub mieszaniny

Produkt został sklasyfikowany zgodnie z obowiązującymi przepisami.

Klasyfikacja zgodnie z rozporządzeniem (WE) nr 1272/2008 z późniejszymi zmianami.

Chroniczne zagrożenie dla środowiska wodnego kategoria 3 H317: Może powodować reakcję alergiczną skóry

Środowisko

H412: Działa szkodliwie na organizmy wodne, powodując długotrwałe skutki.

Klasyfikacja zgodnie z Dyrektywą 67/548 / EWG lub 1999/45 / WE z późniejszymi zmianami.

Pełny tekst wszystkich zwrotów-R podano w sekcji 16.

R52/53

2.2 Elementy oznakowania zgodnie z rozporządzeniem (WE) nr 1272/2008 z późniejszymi zmianami



Słowa ostrzegawcze: ostrzeżenie

Zwroty wskazujące rodzaj zagrożenia:

H317: Może powodować reakcję alergiczną skóry.

H412: Działa szkodliwie na organizmy wodne, powodując długotrwałe skutki.

Zapobiegawcze środki ostrożności:

P261: Unikać wdychania pyłu / dymu / gazu / mgły / par / rozpylonej cieczy.

P272: Zanieczyszczonej odzieży ochronnej nie wносить poza miejsce pracy.

P273: Unikać uwolnienia do środowiska.

P280: Nosić rękawice ochronne / odzież ochronną / ochronę oczu / ochronę twarzy.

Utylizacja:

P501: Zawartość / pojemnik usuwać do odpowiedniego zakładu przetwarzania i usuwania zgodnie z obowiązującymi przepisami i regulacjami oraz charakterystyką produktu w momencie usuwania.

KARTA BEZPIECZEŃSTWA

Dodatkowe informacje na etykiecie

nie mają zastosowania

2.3 Inne zagrożenia: Nie zidentyfikowano.

SEKCJA 3: Skład / informacja o składnikach

3.2 Mieszanki

Regulation No. 1272/2008.

Chemical name	Concentration	EC No.	REACH Registration No.	M-Factor:	Notes
Tricresylphosphate	1.0 - 10%	215-548-8			
Oxirane, [[[2-ethylhexyl)oxy]methyl]-	0.1 - 1.0%	219-553-6			

600, 700 and 900 ECHA List Numbers do not have any legal significance; rather they are purely technical identifiers and are displayed for informational purposes only.

Classification Regulation No. 1272/2008.

Chemical name	Classification	Notes
Tricresylphosphate	Repr. 2; H361 Aquatic Chronic 1; H410 Aquatic Acute 1; H400	
Oxirane, [[[2-ethylhexyl)oxy]methyl]-	Skin Corr. 2; H315 Skin Sens. 1A; H317	

Directive 67/548/EEC.

Chemical name	Concentration	EC No.	REACH Registration No.	M-Factor:	Notes
Tricresylphosphate	1.0 - 10%	215-548-8			

600, 700 and 900 ECHA List Numbers do not have any legal significance; rather they are purely technical identifiers and are displayed for informational purposes only.

Classification Directive 67/548/EEC.

Chemical name	Classification	Notes
Tricresylphosphate	N; R50/53 Repr. 3; Xn; R62	

The full text for all R-phrases is displayed in section 16.

SEKCJA 4: Środki pierwszej pomocy

Ogólne: W przypadku narażenia lub stycznosci: Zasięgnąć porady / zgłosić się pod opiekę lekarza.

4.1 Opis środków pierwszej pomocy

- Wdychanie:** Wyprowadzić narażoną osobę na świeże powietrze, jeśli obserwuje się niekorzystne skutki.
- Kontakt z okiem:** Każdy materiał, który dostanie się do oka, należy natychmiast przepłukać wodą. Jeśli jest to łatwe, zdejmij soczewki kontaktowe.
- Kontakt ze skórą:** Dokładnie umyć skórę mydłem i wodą. Jeśli wystąpi podrażnienie skóry lub wysypka: Uzyskać pomoc lekarską. Wyprać zanieczyszczoną odzież przed ponownym użyciem.
- Spżycie:** Leczyć objawowo. Uzyskaj pomoc medyczną.

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Boiling Point:	No data available.
Flash Point:	250 °C (Cleveland Open Cup)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.

Upper/lower limit on flammability or explosive limits

Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Relative density:	0.982 (15.6 °C)

Solubility(ies)

Solubility in Water:	Insoluble in water
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Viscosity:	68 mm ² /s (40 °C); > 10.2 mm ² /s (100 °C)
Explosive properties:	No data available.
Oxidizing properties:	No data available.
VOC Content:	No data available.
Other information	
Pour Point Temperature:	-36 °C

SECTION 10: Stability and reactivity

10.1 Reactivity:	No data available.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of Hazardous	
Reactions:	Will not occur.
10.4 Conditions to Avoid:	None known.
10.5 Incompatible Materials:	Strong acids. Oxidizing agents. Strong bases.
10.6 Hazardous	
Decomposition Products:	Thermal decomposition or combustion may generate smoke, carbon monoxide, carbon dioxide, and other products of incomplete combustion.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation:	No data available.
Ingestion:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

SAFETY DATA SHEET

11.1 Information on toxicological effects

Acute toxicity

Oral

Product: Ingestion of this material may cause gastric disturbances. Ingestion of this material can result in neurotoxicity. Signs and symptoms include increased sweating of hands and feet, numbness, tingling and weakness in extremities, unsteady gait and decreased reflexes. Not classified for acute toxicity based on available data.

Dermal

Product: Skin absorption of components of this material will cause systemic effects; note toxicity in other sections. Not classified for acute toxicity based on available data.

Inhalation

Product: High concentrations may cause headaches, dizziness, fatigue, nausea, vomiting, drowsiness, stupor, other central nervous system effects leading to visual impairment, respiratory failure, unconsciousness and death. Not classified for acute toxicity based on available data.

Skin Corrosion/Irritation:

Product: Not classified as a primary skin irritant.
Remarks: Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, edema, drying, and cracking of the skin.

Serious Eye Damage/Eye Irritation:

Product: Remarks: Not classified as a primary eye irritant.

Respiratory sensitization:

No data available

Skin sensitization:

Oxirane, [[(2-ethylhexyl)oxy]methyl]-

Classification: Strong skin sensitizer. (Literature) May cause sensitization by skin contact.

Specific Target Organ Toxicity - Single Exposure:

Tricresylphosphate

If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract.

Aspiration Hazard:

No data available

Chronic Effects

Carcinogenicity:

No data available

Germ Cell Mutagenicity:

No data available

Reproductive toxicity:

Tricresylphosphate

Suspected of damaging fertility. This material has been shown to impair fertility and cause adverse reproductive effects in rats and mice.

SAFETY DATA SHEET

Tricresylphosphate

Suspected of damaging fertility. This material has been shown to impair fertility and cause adverse reproductive effects in rats and mice.

Specific Target Organ Toxicity - Repeated Exposure:

Tricresylphosphate

Repeated occupational exposure to tricresyl phosphate over a prolonged period of time may cause delayed neurotoxicity characterized by ataxia and tremors.

SECTION 12: Ecological information

12.1 Ecotoxicity

Fish

Tricresylphosphate

LC 50 (Rainbow Trout, 4 Days): 0.6 mg/l
NOEC (Rainbow Trout, 4 Days): 0.56 mg/l

Aquatic Invertebrates

Tricresylphosphate

EC 50 (Water flea (Daphnia magna), 2 d): 0.146 mg/l

Toxicity to Aquatic Plants

Tricresylphosphate

EC 50 (Alga, 3 Days): 0.4042 mg/l

Toxicity to soil dwelling organisms

No data available

Sediment Toxicity

No data available

Toxicity to Terrestrial Plants

No data available

Toxicity to Above-Ground Organisms

No data available

Toxicity to microorganisms

Tricresylphosphate

LC 50 (Sludge, 0.1 Days): > 1,000 mg/l

12.2 Persistence and Degradability

Biodegradation

Tricresylphosphate

Oxygen depletion 24.2 % (28 d, OECD TG 301 D)

BOD/COD Ratio

No data available

12.3 Bioaccumulative Potential

Bioconcentration Factor (BCF)

No data available

Partition Coefficient n-octanol / water (log Kow)

Tricresylphosphate

Log Kow: 5.93 (Measured)

12.4 Mobility:

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other Adverse Effects:

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods:

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations. Dispose of packaging or containers in accordance with local, regional, national and international regulations. Empty container contains product residue which may exhibit hazards of product.

Contaminated Packaging:

Container packaging may exhibit hazards.

SAFETY DATA SHEET

SECTION 14: Transport information

ADR	Not regulated.
IMDG	Not regulated.
IATA	Not regulated.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

None known.

Shipping descriptions may vary based on mode of transport, quantities, temperature of the material, package size, and/or origin and destination. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. For transportation, steps must be taken to prevent load shifting or materials falling, and all relating legal statutes should be obeyed. Review classification requirements before shipping materials at elevated temperatures.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.:

Inventory Status

Australia (AICS)

All components are in compliance with chemical notification requirements in Australia.

Canada (DSL/NDSL)

All components are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substances List.

China (IECSC)

All components of this product are listed on the Inventory of Existing Chemical Substances in China.

European Union (REACH)

To obtain information on the REACH compliance status of this product, please e-mail us at customers@primalec.co.uk

Japan (ENCS)

All components are in compliance with the Chemical Substances Control Law of Japan.

Korea (ECL)

All components are in compliance in Korea.

New Zealand (NZIoC)

All components are in compliance with chemical notification requirements in New Zealand.

Philippines (PICCS)

All components are in compliance with the Philippines Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990 (R.A. 6969).

Switzerland (SWISS)

All components are in compliance with the Environmentally Hazardous Substances Ordinance in Switzerland.

Taiwan (TCSCA)

May require notification before sale in Taiwan.

United States (TSCA)

All components of this material are on the US TSCA Inventory.

The information that was used to confirm the compliance status of this product may deviate from the chemical information shown in Section 3.

15.2 Chemical safety

assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Key literature references and

sources for data: Internal company data and other publically available resources.

Wording of the R-phrases and H-statements in section 2 and 3

H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility or the unborn child.

SAFETY DATA SHEET

H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
R50/53	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

Issue Date: 07.07.2015

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