

Material Safety Data Sheet**AY 011/00 IN**

(Up date to the REACH: June 01, 2007)

Date

February 03, 2000

Product:**Alusynt® CE 500**

Up date

November 24, 2007

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

1.1	Name	Alusynt® CE 500
1.2	Application	Synthetic compressor lubricant
1.3	Company	Aluchem Spa – Via Abbiategrasso – 20080 Cisliano MI Tel. +39 02 90119979 – Fax +39 02 90119978 – info@aluchem.it
1.3.1	emergency number	Tel. +39 02 90119979

2. HAZARDS IDENTIFICATION

2.1	Classification	None
2.2	Label	None
2.3	Risk phrases R (according to EU guidelines)	None

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1	Component	Synthetic ester, additives A.O., A.W., A.R. and Antifoam
3.2	Dangerous products	None

4. FIRST – AID MEASURES

4.1	General	Nothing in the normal condition
4.2	Upon inhalation	Remove patient from exposure and take him to fresh air, rest and warmth. Obtain medical attention if ill effects occur.
4.3	Upon swallowing	Ensure that the patient drinks water. The mouth should be rinsed out several times. If the patient feels unwell, seek medical advice
4.4	Following skin contact	Wash skin immediately with water and soap. Remove contaminated clothing. If skin reactions occur, contact a physician.
4.5	Following eye contact	Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
4.6	General information	Remove all contaminated clothing immediately. Also heed the risks to your own person.

5. FIRE – FIGHTING MEASURES

5.1	Extinguishing means	Extinguish with spray water, carbonic acid, foam, dry powder.
5.2	Extinguishing means by don't use	Water
5.3	Special measures in case of fire	In case of fire or smouldering fire wear respiratory protection equipment.
5.4	General information	Don't let enter contaminated extinguishing water into the soil, groundwater or surface water

6. ACCIDENTAL RELEASE MEASURES

6.1	Personal measures for protection	To avoid the contact whit the skin
6.2	Technical measures for protection	To avoid that the product enter in sewerage and rivers
6.3	Procedure in case of leakage	Collect the product as much as possible with mechanical means. Absorb the rest into sand or another inert material.

7. HANDLING AND STORAGE

7.1	Special measures for transport and storage	Keep in a cool, dry, well ventilated place
7.2	Procedure in case of fire and explosion	To keep away from heat sources. To cool the drums whit water
7.3	General condition of storage	Store moisture – free and cool
7.4	Materials allowed for packing	Stainless and mild steel, various synthetics
7.5	Materials not allowed for packing	Among others PVC

Material Safety Data Sheet**AY 011/00 IN****Product:****Alusynt® CE 500**

(Up date to the REACH: June 01, 2007)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Dangerous component – limit value	---
8.2	MAC/TLV Value	Max 5 mg/m ³
8.3	Particular measures for protection	Nothing in the normal condition
8.4	General protection and sanitary norms	Not to eat, drink and during the use
8.5	Condition to avoid	Not to overheat the product
8.6	Personal measures for protection	The use of safety goggles and gloves is recommended

9. PHYSICAL PROPERTIES

9.1	Aspect	Slightly hazy liquid
9.2	Colour	Light yellow
9.3	Odour	Practically odourless
9.4	Vapour density (air = 1)	Not applicable
9.5	Boiling point, 760 mmHG	> 200 °C
9.6	Flash point	> 240 °C
9.7	Auto-ignition temperature	> 350 °C
9.8	Ph	Neutral
9.9	Pour point	- 30 °C
9.10	Density	0,955 gr/cm ³ at 20 °C
9.11	Solubility in water	Negligible
9.12	Solubility in organic solvent	Soluble in aromatic solvent
9.13	Viscosity	100 mm ² /s at 40 °C

10. STABILITY AND REACTIVITY

10.1	Thermal decomposition	Yes, combustion
10.2	Dangerous decomposition product	Carbon and nitrogen oxides, irritant gas.
10.3	Dangerous reactions	Nothing in the normal condition
10.4	Polymerization	Negligible
10.5	Non-combinable materials	Oxidizing agents

11. TOXICOLOGICAL INFORMATION

11.1	Acute toxicity	LD50 > 2.000 mg/Kg (rats oral)
11.2	Acute dermal toxicity	---
11.3	Eye and skin irritation	Short exposure: slight irritation. Prolonged exposure: E.G. 24 hrs moderate irritation
11.4	Other information	---

12. ECOLOGICAL PROPERTIES

12.1	Biodegradability	< 80% (CEC L-33-T-82)
12.2	Behaviour in water purification plants	The products is neither insoluble in water nor produces an emulsion or a dispersion. Avoid the product gents in water purification plants, an oil separator is advisable.
12.3	Fish toxicity	Up to solubility limit not fish toxic.

13. DISPOSAL CONSIDERATION

13.1	Destruction	Burn in a chemistry incinerator that has been acknowledged by the government
13.2	Chemical for neutralisation	Not applicable
13.3	General information	Examine possibilities for re-utilization. Package product wastes. Close and label the waste receptacles and, likewise, any unclean empty containers. Dispose of them at a suitable waste incineration plant in accordance with the official regulations. Where large quantities are concerned, consult the supplier. When unclean empty containers are passed on, the recipient must be warned of any possible hazard that may be caused by residues.

Material Safety Data Sheet**AY 011/00 IN****Product:****Alusynt® CE 500**

(Up date to the REACH: June 01, 2007)

14. TRANSPORT INFORMATION

14.1	Land transport	RID/ADR	Free (not classified)
14.2	Maritime transport	ADN/ADR	Free (not classified)
14.3	Air transport	ICAO/IATA	Free (not classified)

15. REGULATORY INFORMATION

15.1	Classification and label	None (according to EU guidelines)
15.2	Risk phrases R	None
15.3	Risk phrases S	None
15.4	EINECS (EEC 79/831)	The components present in this product have been entered into the EINECS
15.5	Other regulations	---

16. OTHER INFORMATION

16.1	Responsibility	These data are based on our best knowledge and should be considered as general information on the safety aspects without implying any responsibility or guarantee on the properties or quality of the product.
16.2	For other information	Mr. Sesti Paride - Aluchem Spa Tel. 02 90119979 Fax 02 90119978 info@aluchem.it
16.3	Date	February 03, 2000
16.4	Up date	November 24, 2007

This Safety Data Sheet supersedes and replaces all previous issues.

This document has been produced by an automatic processor and is delivered unsigned.

The Head of Laboratory.

ALUCHEM Spa

Cisliano _____