

**SCANIA**

SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET

Last changed: 08/07/2008

Prima part.no

Replaces date:

1894327, 1894328, 1894329 CORROSION INHIBITOR**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****TRADE NAME** 1894327, 1894328, 1894329 CORROSION INHIBITOR**Manufacturer/importer**

Enterprise Scania CV AB
Postal code 151 87 Södertälje
Country Sweden
E-mail safety_data_sheet@scania.com
Telephone +46 (0)8 553 810 00
Fax +46 (0)8 553 84912

Emergency Phone

+46 (0)8 553 83131

Type of assistance

Not urgent

Opening Hours**2. HAZARDS IDENTIFICATION**

Harmful

HEALTH

Harmful if swallowed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

No	Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	Classification
1	ethanediol, ethylene glycol		203-473-3	107-21-1	85 - 90 %	Xn,R22
2	inhibitors			-	10 - 15 %	

Explanation of symbols: T+=highly toxic, T=toxic, C=corrosive, Xn=harmful, Xi=irritant E=Explosive, O=Oxidising, F+=Extremely flammable, F=Highly flammable, N=Dangerous for the environment, Cancer=Carcinogenic, Mut=Mutagenic, Rep=Toxic for reproduction, Conc.=Concentration

INGREDIENT COMMENTS**4. FIRST AID MEASURES****GENERAL****INHALATION**

Fresh air if there are symptoms of injury. Consult a physician for specific advice.



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SKIN CONTACT

Wash carefully with soap and water or use a suitable skin cleaning agent.

EYE CONTACT

Rinse immediately with water for 10-15 minutes. Consult a physician for specific advice.

INGESTION

Rinse the mouth with water. Drink plenty of water. Immediately consult a doctor.

MEDICAL INFORMATION

Treat symptomatically.

5. FIRE-FIGHTING MEASURES



EXTINGUISHING MEDIA

Extinguishing agent: carbon dioxide, powder, alcohol-resistant foam, a wide water jet or water mist.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS

Use supplied air respirator if substance is involved in a fire.

6. ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS

Isolate in all directions if small spill or leak. Avoid direct contact. Use suitable protective gloves and protective clothes if there is risk of direct contact or splashing.

SAFETY ACTIONS TO PROTECT EXTERNAL ENVIRONMENT

Prevent dispersion through damming with sand, earth or other suitable material. Prevent discharges into the sewage system, watercourses or lakes. In the event of major emissions, contact the relevant authorities.

METHODS FOR CLEANING UP

In the event of spillage or leakage: larger quantities are pumped up into a container, the rest is collected with an absorbent material. Destroy according to applicable regulations.

OTHER INFORMATION

If risk of water pollution occurs, notify appropriate authorities.

7. HANDLING AND STORAGE



HANDLING ADVICE

All handling to take place in well ventilated area.

STORAGE

Keep container tightly closed and dry.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION



RESPIRATORY PROTECTION

No respirator is normally needed. Respirator only if aerosol or mist may be formed.



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EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

HAND PROTECTION

Use suitable protective gloves made of nitrile rubber.

PROTECTIVE CLOTHING

Wear appropriate clothing to prevent any possibility of skin contact.

OTHER INFORMATION

Promptly remove non-imperious clothing that becomes wet or contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES



Physical State	Liquid.
Solubility	Polar solvents.
Water solubility	Miscible with water.

Physical and chemical parameters

Parameter	Value/unit	Method/reference	Observation
Boiling point	> 160 °C	ASTM D1120	
Flash point	> 100 °C		
Vapour pressure	~ 10 mbar		1)
Density	1,13 g/cm ³		

OBSERVATIONS ON PHYSICAL AND CHEMICAL PARAMETERS

Observation	Comments
1)	20°C

10. STABILITY AND REACTIVITY



STABILITY

Stable under recommended storage and handling conditions.

CONDITIONS TO AVOID

Strong oxidant.

MATERIALS TO AVOID

Reacts with strong oxidants.

OTHER INFORMATION

11. TOXICOLOGICAL INFORMATION



INHALATION

Vapours may have an irritant effect.



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SKIN CONTACT

Protracted or repeated contact may irritate the skin.

EYE CONTACT

Irritant

INGESTION

Harmful if swallowed. May cause damage to the central nervous system. Nephrotoxin. Lethal ingestive dose: 1,5 g/kg weight of the body corresponding to 90-110 g for adults and less for children.

12. ECOLOGICAL INFORMATION



AQUATIC ECOTOXICITY

Low toxicity to aquatic organisms. Fish: Leuciscus idus LC50 (96 h): > 100 mg/l Daphnia: EC50 (48 h): > 100 mg/l Alga: IC50 (72 h): > 100 mg/l

DEGRADABILITY

Easily degradable. Biological degradability > 70 % after 28 days.

OTHER INFORMATION

The assessment is based on the properties of the components.

13. DISPOSAL CONSIDERATIONS



GENERAL REGULATIONS

Destroy in accordance with applicable legislation and recommendations of the authorities. Packaging may be cleaned and recycled. Packaging that cannot be reused must be destroyed in the same way as the contents.

14. TRANSPORT INFORMATION



Classified as Dangerous Goods:



Yes



No



Not assessed

15. REGULATORY INFORMATION



Harmful

EC-Label



No



Yes



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COMPOSITION

ethanediol, ethylene glycol (85 - 90 %), inhibitors (10 - 15 %)



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R-PHRASES

Nr.

R-Phrase text

R22

Harmful if swallowed.

S-PHRASES

S2 Keep out of the reach of children. S24/25 Avoid contact with skin and eyes. S46 If swallowed, seek medical advice immediately and show this container or label.

16. OTHER INFORMATION



ISSUED:

08/07/2008