



MATERIAL SAFETY DATA SHEET

Product **SUPERCOOL**

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Revision Date: 08/08/2005

Date of issue: 20/02/2001

LABEL

LABELLING (of use or EU) Not concerned
Risks Phrase None
Advice and Care None
TRANSPORT LABELLING Not concerned

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **SUPERCOOL**
Product Code DYN19
Intended Use Automotive Radiator Cooling Agent

Supplier Dynolite
ZAC du Cornouiller
78870 Bailly
Phone: +33 (0)1 30 80 20 30
Fax: +33 (0)1 30 80 21 50

Emergency ORFILA (Phone No) : +33 (0)1 45 42 59 59

2. COMPOSITION / INFORMATION ON INGREDIENTS

PREPARATION
Chemical Nature Tensio-Activ Detergent

3. HAZARDS IDENTIFICATION

No components are believed to be hazardous, or listed in the NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or listed as hazardous by SARA, CERLA, or RCRA. No OSHA PEL's are established for any of the other ingredients.

IMO Hazard Class and Number Non-hazardous.
UN Number Not applicable.
US DOT Hazard Class Not regulated by DOT
US DOT Identification Number Not applicable.

4. FIRST AID MEASURES

INHALATION Negligible. Remove to fresh air.
INGESTION Drink water.
SKIN CONTACT Rinse with water.
EYE CONTACT Immediately flush eyes with water.

5. FIRE FIGHTING MEASURES

Product is non-flammable. Report to section 9 – Physical and chemical Properties

EXTINGUISHING MEDIA Not applicable
FIRE FIGHTING INSTRUCTIONS None



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6. ACCIDENTAL RELEASE MEASURES

Report to section 8 and 13

SPILL/LEAK MANAGEMENT

- Land Spill:

Product spills may make the ground slippery.
Rinse affected area with water.

7. HANDLING AND STORAGE

HANDLING:

Workers Preventing Exposure

Product is neutral when diluted. Although components have low hazard levels, the product will remove oils from the skin like common soap. Avoid prolonged skin contact.

STORAGE

Storage Conditions

- Advised:

Store in temperatures from 32°F to 120°F in closed containers to prevent evaporation and deterioration. Freezing will not damage material as long as container remains intact. Keep containers closed all the time when not in use.

- Avoid:

Storage subjected to weather conditions.

Packaging Materials

- Advised:

Store preferably in the original packaging.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Technical Measures

Use the product in a properly ventilated atmosphere. In the case of work in confined spaces (tanks, etc...), ensure a breathable atmosphere and/or wear the recommended equipments.

Respiratory Protection

Not required

Ventilation

Under ordinary conditions of use for its intended purpose, no special ventilation is required.

Hand Protection

Wear protective gloves if there is a prolonged skin contact.

Eye Protection

Wear protective glasses to prevent the risk of eye contact

Skin and Body Protection

In principle, it is not necessary to wear a specific protection equipment

Specific Hygiene Measure

Wash hands after manipulation and use, particularly before eating, drinking and smoking

9. PHYSICAL AND CHEMICAL PROPERTIES

Physic State

Liquid

Color

Pink

Odor

Characteristic

Relative Density

1020 kg/m³ at 60°F

Boiling Point

212°F

Flash Point

Negligible

Flammable Limits

Non-flammable

Solubility in Water

100%

pH

<10



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10. STABILITY AND REACTIVITY

Stability	Product is stable.
Incompatibility	None
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide.
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY – LOCAL EFFECT:

Exposure limits values	OSHA PEL: Not established. ACGIH TLV: Not established.
Inhalation	Improbable risks in normal condition of use.
Skin Contact	Negligible hazard. Not a primary skin irritant. Dermal irritation testing for 72 hours on albino rabbits showed no erythema and no edema.
Ingestion	Not considered to be orally toxic.

12. ECOLOGICAL INFORMATIONS

Biodegradability	Product is 100% biodegradable in an active environment within 21 days.
Toxicity	In accordance with U.S. EPA Office of Pollution Prevention and Toxics criteria for ranking the acute toxicity of chemicals in the aquatic environment, JG-302CA is considered to be of low concern. - 96 hour acute toxicity versus freshwater alga (<i>Selenastrum capricornutum</i>) IAW 40 CFR 797.1050 showed JG-302CA was algicidal at concentrations above 750 ppm. - 96 hour acute toxicity versus juvenile rainbow trout (<i>Oncorhynchus mykiss</i>) IAW 40 CFR 797.1400 showed An LC50 of 105 ppm.

13. DISPOSAL CONSIDERATIONS

Laws and Regulations	- France : Recommendation relating to the waste list of 11.11.97 See waste list (JOCE : L 349 du 16/02/2001) Law n° 75-633 du 15.07.75 modified, relating to the disposal of waste and materials recycling. - Regulation relating to the collect of used oils: Decree 79-981 of 21.11.79 and order of 28.01.99, relating to the collect and condition of elimination. Law n°88-1261 of 30.12.88 concerning import, export and transit of waste. Decree n°77-254 of 08.03.77 relating to the regulation of dumping and/or spilling oils and lubricants in the water.
Disposal	Agent may be disposed through municipal systems.



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14. TRANSPORT INFORMATION

Not concerned by Transports Regulations below.

Not dangerous.

Land (ADR) :	Not Regulated
Rail (RID) :	Not Regulated
Class :	No Transport Restrictions
River (ADNR) :	Not Regulated
Sea (IMO/IMDG) :	Not Regulated
Air (OACI/IATA) :	Not Regulated

15. REGULATORY INFORMATION

HMIS Rating:	Health: 0 Flammability: 0 Reactivity:: 0
Risks Phrase	None
Care Advices	None
European Guidelines	Guidelines 1999/45/CE modified (D. 2001/60/CE), relating to hazardous preparation.

16. OTHER INFORMATION

This Safety Sheet complies with the standards set by the guidelines 91/15EEC, 93/112/EEC, 2001/58/CE and to the article 14 of the guideline 1999/45/CE.

For France, in case of intoxication, call your local Anti-Poison Center and/or the Emergency Services (15), see also ORFILA (Phone No): +33 (0) 01 45 42 59 59

Revision Date 08/08/2005

Cancel and replace the sheet of 20/02/2001

This data sheet complements the technical sheets but does not replace them. All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as the date mentioned.

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