



MATERIAL SAFETY DATA SHEET

ANDEROL FG CS-2

Version: 1.4
Date of Issue: 08/20/2009
Date printed: 08/21/2009

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ANDEROL FG CS-2

Chemical name: Petroleum oil based Lubricating Grease

Use of substance/preparation: Lubricating Grease

Supplier: Chemtura Corporation
199 Benson Road
Middlebury, CT 06749 USA

Emergency telephone number: CHEMTREC (24 hours) 800-424-9300, 703-527-3887
Chemtura Corporation Emergency Response (24 hours) 800-292-5898

Environmental, Health and Safety Department: 866-430-2775
Customer Care: +44 161 875 3800

Prepared by Product Safety Department **Date of Issue:** 08/20/2009
(US) +1 866-430-2775
(EU) +44 (0) 1753.603.000
Email: MSDSRequest@chemtura.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MAY CAUSE EYE AND SKIN IRRITATION.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	% BY WEIGHT
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No hazardous ingredients
CAS# -



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4. FIRST AID MEASURES

Swallowing

Obtain medical attention. Never give anything by mouth to an unconscious person. Not expected to be toxic by ingestion.

Inhalation

Remove to fresh air. Aspiration may cause pulmonary edema or aspiration pneumonia. If breathing is difficult, oxygen may be given by qualified personnel. Obtain medical attention if symptoms persist.

Skin contact

Wash thoroughly with warm water using a mild soap. If hot material contacts skin, immediately cool before attempting removal. If irritation persists or if contact has been prolonged, obtain medical attention. If high pressure forces the product under the skin get immediate medical attention!

Eye contact

Immediately flush eyes with water and continue washing for at least 15 minutes. Obtain medical attention immediately.

5. FIRE-FIGHTING MEASURES

Flash point: > 356 °F > 180 °C
Autoignition temperature: No data available.

NFPA CLASSIFICATION

Health: 1	Flammability: 1	Reactivity: 0	Special provisions:
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Hazardous combustion products

Combustion may produce the following products:

Oxides of carbon.
Oxides of sulfur.
Oxides of calcium.

Special fire fighting procedures

Use water spray to cool fire-exposed containers and structures.

Special protective equipment for firefighters

Self-contained breathing apparatus with full face-piece operated in positive pressure mode.
Body covering protective clothing, full "turn-out" gear.

Extinguishing media

Suitable:

- Small fires:
 - CO2
 - dry chemical
 - dry sand
 - vermiculite
- Large fires:
 - Treat as an oil fire.
 - water fog
 - foam

Unsuitable: Oil will float on water and can spread any fire.

Unusual fire and explosion hazards

This product poses no unusual fire fighting problems., Burning can produce the following combustion products:, Oxides of carbon., Oxides of sulfur.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Wear suitable protective equipment.



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Environmental precautions

Prevent from entering sewer system or surface water.

Methods for cleaning up

Stop the leak if it can be done without risk.

Large spill:

Dike area of spill to prevent spreading and pump liquid to salvage tank.

Small spill:

Soak up with absorbent material.

Transfer absorbent material to a suitable waste container.

Dispose according to regulatory requirements.

7. HANDLING AND STORAGE

HANDLING

Handling precautions

Keep drums tightly closed to prevent contamination., Avoid contact with eyes, skin and clothing., Wear recommended personal protection equipment.

Other precautions

If high pressure forces the product under the skin get immediate medical attention!

STORAGE

Storage requirements

Normal precautions common to good safety practice should be followed in storage.

Further information on storage

Keep away from strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

PERSONAL PROTECTION

Respiratory protection

None required in normal use., NIOSH approved respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit. None required in normal use., A approved respirator with dual organic vapor/mist and particulates cartridge if vapor concentration exceeds permissible exposure limit.

Hand protection / protective gloves

Wear oil resistant gloves.

Eye protection

Monogoggles, Face shield if risk of splashing

Skin protection

Wear protective clothing, such as long sleeves to minimize skin contact., Use heat protective equipment (such as gloves, long sleeves, and aprons) when handling molten material.

Industrial hygiene measures

Do not eat or drink at work.

ENGINEERING CONTROLS

Ventilation

For normal applications, special ventilation is not necessary., Local ventilation is needed in the presence of airborne mists.

9. PHYSICAL AND CHEMICAL PROPERTIES



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APPEARANCE

Physical state Semi-solid
Color Tan
Odor Mild petroleum

OTHER PROPERTIES

Boiling point Not available
Density 0.95 - 1.05 g/cm³ at 25 °C
Solubility in water Negligible
Solubility in organic solvents Partially soluble
Partitioning coefficient No data available.
Flash point > 356 °F
> 180 °C
Method: Open cup
Autoignition temperature No data available.
Kinematic viscosity Not applicable

10. STABILITY AND REACTIVITY

Stability: This product is stable under normal storage and handling conditions.

Incompatible materials:

Oxidizing agents.

Hazardous combustion products:

Combustion may produce the following products:
Oxides of carbon.
Oxides of sulfur.
Oxides of calcium.

Hazardous polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

GENERAL

No evidence of harmful effects from available information.

SWALLOWING

Acute effects

No evidence of harmful effects from available information.

May cause the following effects:

- diarrhea

Chronic effects

No data available.

Test results

Acute toxicity:

Remark: No data available.

SKIN ABSORPTION

Acute effects

(M)SDS# 000000037412



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INHALATION

Acute effects

No information available.

Mist or spray may cause the following effects:

- delayed onset of pulmonary edema

SKIN CONTACT

Acute effects

May cause irritation.

EYE CONTACT

Acute effects

May cause irritation.

12. ECOLOGICAL INFORMATION

No information available.

This product is stable in water, and can be mechanically separated from water. The water may be suitable for disposal in a biological waste water treatment plant.

13. DISPOSAL CONSIDERATIONS

General: The generation of waste should be avoided or minimised wherever possible., Bury in a landfill or incinerate in a furnace in accordance with applicable national and local regulations., Dispose of in accordance with appropriate Federal, State, and local regulations., Incineration is the recommended disposal method for all chemical wastes., Material collected on absorbent material may be landfilled in accordance with all applicable regulations.

14. TRANSPORT INFORMATION

DOT Classification

This product is not regulated by DOT.

IMDG Classification

This product is not regulated by IMDG.

ICAO/IATA Classification

This product is not regulated by ICAO.

15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are:

**** NONE ****



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Petroleum oil	Trade secret	136411-5552P
Calcium salt	Trade secret	136411-5553P
Oil soluble calcium sulfonate	Trade secret	136411-5558P
Soap of organic acid	Trade secret	136411-5558P
Calcium organic salt	Trade secret	136411-5559P
Refined mineral oil	Trade secret	NJTS# 136411-5275P

EPA Hazard Categories (SARA 311, 312): None

CHEMICAL INVENTORY

Canada: The ingredients of this product are on the DSL.
Europe: The ingredients of this mixture are on the EINECS inventory.
United States: The ingredients of this product are on the TSCA inventory.
Australia: The ingredients of this product are on the AICS inventory.
China: This product is on the IECSC Inventory.
Japan: The ingredients of this product are on the ENCS inventory.
Korea: The ingredients of this product are on the ECL.
Philippines: The ingredients of this product are on the PICCS.

16. OTHER INFORMATION

HMIS RATING

Health: 1	Flammability: 1	Reactivity: 0	PPI:
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STP	Standard temperature and pressure
W/W	Weight/Weight
1 (HMIS)	0 (HMIS) Slight hazard
2 (HMIS)	Moderate hazard
3 (HMIS)	Serious hazard
4 (HMIS)	Severe hazard
X (HMIS)	Personal protection rating to be supplied by user depending on use conditions

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