

**HAMMONDS COLDFLO®
WITH LUBRIBOR®**

Emergency Telephone Number
1-800-424-9300

A. GENERAL INFORMATION

Trade Name COLDFLO® WITH LUBRIBOR® **CAS No.** Mixture

Chemical Name
Blend of various petroleum derivatives

Formula Proprietary **Molecular Weight:** N/A

Address:
HAMMONDS FUEL ADDITIVES, INC.
15760 West Hardy, Suite 400
Houston TX 77060-3147

| Contact Date | Phone Number | Issued |
|--------------------------------------|-----------------------|---------------------|
| HAMMONDS FUEL ADDITIVES, INC. | (800) 548-9166 | January 2004 |

B. FIRST AID MEASURES

Ingestion:
Get medical attention immediately. **DO NOT INDUCE VOMITING** Give artificial respiration if breathing stops.

Inhalation:
Remove to fresh air. Get medical attention.

Eye Contact:
Rinse in cool, flowing water for 15 minutes. Get medical attention.

Skin Contact:
Wash with soap and water. Get medical attention if skin irritation persists.

C. HAZARDS INFORMATION

Inhalation:
Overexposure will cause dizziness and lack of coordination. Unlikely to occur under normal usage conditions.

Ingestion
Irritation of gastrointestinal tract.

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Skin: Irritation of exposed skin due to defatting of skin.

Eyes: May cause burns.

Permissible Concentration:

| | |
|---------------------|------------|
| Air (See Section J) | Biological |
| 450 ppm (estimated) | N/A |

Unusual Chronic Toxicity:

Unknown

Flash Point Flammable Limits in Air (% by vol.)

| | |
|----------|-----|
| 135 F | N/A |
| Open Cup | |

Unusual Fire and Explosion Hazards: N/A

D. PRECAUTIONS/PROCEDURES

Fire Extinguishing Agents Recommended

Dry Chemical, CO², Chemical Foam

Fire Extinguishing Agents to Avoid

Water

Special Fire Fighting Precautions:

Firefighters should wear self-contained breathing apparatus in the positive mode with a full-face piece due to the likelihood of fumes, smoke and hazardous decomposition products.

Ventilation:

Standard room ventilation should be sufficient in a large area. Local exhaust is required for confined areas and at vapor source.

Normal Handling:

Wear rubber gloves and splash proof goggles, particularly if handling large quantities.

Storage:

Keep container tightly closed during transport and storage. Store in a cool, dry place.

Spill or Leak:

A spill or leak would be a waste of oil, presently not a hazardous waste under EPA, but regulated under many state statutes. Absorb spill and dispose of only in accordance with applicable regs.

Special Precautions/Procedures/Label Instructions

Handle as Combustible Petroleum Product

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E. PERSONAL PROTECTIVE EQUIPMENT

Rubber gloves and splash proof goggles recommended as a standard operating procedure.

F. PHYSICAL

Material is liquid at normal conditions.

Appearance and Odor - Amber Liquid

Boiling Point - 350 F

Specific Gravity - (H₂O = 1) - 0.90

Vapor Density (Air=1) - 5.2 est.

Solubility in Water (% by weight) - Negligible

pH - N/A

Vapor Pressure (mm Hg at 20 C) - <10

Evaporation Rate (Butyl Acetate = 1) - <1

% Volatiles by Volume (at 20 C) - 10%

G. REACTIVITY DATA

Stability - Stable

Conditions to Avoid - N/A

Incompatibility (materials to avoid)
Strong oxidizing agents

Hazardous Decomposition Products

Like all organic compounds and mixtures, extreme heat will generate Carbon Monoxide, Carbon Dioxide and water.

Hazardous Polymerization - Will not occur.

Conditions to avoid - N/A

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H. HAZARDOUS INGREDIENTS (mixtures only)

| Material or Component/C.A.S.# | Wt.% | Hazard Date |
|-----------------------------------|-------------|-------------|
| PROPRIETARY FORMULA COMPONENTS | | |
| TSRN | 744137-5005 | |
| TSRN | 744137-5007 | |
| TSRN | 744137-5009 | |
| TSRN | 744137-5010 | |
| TSRN | 744137-5027 | |
| TSRN | 744137-5028 | |

This material is NOT known to contain any Carcinogen listed under the OSHA Communication Standard 29CFR 1910 1200.

I. ENVIRONMENTAL

Degradability/Aquatic Toxicity - N/A

EPA Hazardous Substance? - No - 40 CFR 116 117

Waste Disposal Methods - Incineration as a waste oil.

RCRA Status of Unused Material

Waste oil, not hazardous as of 7/1/87 - 40 CFR 261

J. REFERENCES

Permissible Concentration References

ACGIH, NIOSH, OSHA

See Registry of Toxic Effects of Chemical Substances for specific animal test results and latest regulatory standards.

Regulatory Standards - See Page 4 - 173.115

D>O>T> Classification - UN 1993

Class 3 PG III 49 CFR

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K. ADDITIONAL INFORMATION

The information contained in this Material Safety Data Sheet has been derived from analysis of published data publicly available regarding the components of this mixture. While this information is considered accurate, Hammonds Fuel Additives, Inc. makes no warranty either express or implied, regarding this data or the results to be obtained from the use thereof.

Distribution of this MSDS is only one component of your workplace hazard communication program. It is the employer's responsibility to ensure that all employees are properly trained to recognize, evaluate and protect themselves from the risks associated with the storage, use and disposal of this and other hazardous material.