

MSDS – HECAT SAFE-FLUSH

EMERGENCY PHONE NUMBER: 1-800-380-9501

Last Revised: February 2012

SECTION 1

Company Name:
Address:
Phone/Fax:
Trade name:
Chemical name:
Composition:
Application:
SECTION 2
General:

COMPANY IDENTIFICATION AND CHEMICAL

Hecat, Inc
2910 Ridge Court Cumming, GA 30041
770-205-5600 / 770-205-5633
Hecat Safe-Flush A/C & Hecat Safe-Flush Trans
Synthetic Hydrocarbon Cleaner
Proprietary percentages of Hydrotreated light distillates (CAS# 64742-47-8) and P-Menta-1, 8-Diene (CAS# 5989-27-5)
Flushing fluid used with or without Hecat flushing equipment to clean the internals of automotive heat exchangers.

COMPOSITION / INFORMATION ON INGREDIENTS

This product is non-hazardous. The product contains no known Carcinogens. No special warning labels are required Under OSHA 29 CFR 1910-1200.

SECTION 3

Appearance:
Known hazards:

HAZARDS IDENTIFICATION

A/C version - Clear liquid / Trans version - Red dye added.
Contains no known hazardous ingredients

SECTION 4

Eyes:
Skin:

FIRST AID MEASURES

Flush with clean lukewarm water. Seek physician's assessment if eyes are inflamed
Wash affected areas thoroughly with soap and water. Wash contaminated clothing.
Avoid breathing oil mists. Remove to fresh air. If breathing is difficult, get medical attention.
Do not induce vomiting. Force fluids. Has a laxative effect.

Inhalation:

Ingestion:

SECTION 5

Flash point:
Flammable limits:
Auto ignition temp:

FIRE FIGHTING MEASURES

165 - 170 F min.
N/A
N/A
Low fire hazard. Do not cut, drill, or weld empty containers
Dry chemical foam, water spray, and carbon dioxide for small fires.
Contain liquid, cover with extinguishing agent; use water to cool fire-exposed containers.

Fire & explosion hazards:

Extinguishing media:

Fire fighting procedures:

SECTION 6

Spill or leak
Waste Disposal:

ACCIDENTAL RELEASE MEASURES

Contain spill, absorb with commercial absorbents, or by using pumps.
Dispose in approved containers through a licensed waste reclaimer.

SECTION 7

Storage temp:
Shelf life:
Precautions:

HANDLING AND STORAGE

<120 F recommended.
12 months in original closed HDPE container.
Not for internal use. Avoid prolonged contact with skin, eyes, and clothes.

SECTION 8

Eye protection:
Skin protection:
Respiratory protection:
Ventilation:
Exposure limits:

EXPOSURE CONTROL / PERSONAL PROTECTION

Chemical goggles if splashing is likely. Normally none required.
PVC or Nitrile gloves if in direct contact for more than 2 hours. Normally none required.
If mist is present, wear approved organic respirator. Normally none required.
General ventilation.
N/A

SECTION 9

Appearance:
Boiling point:
Vapor pressure:
Specific gravity:
Odor:
Solubility in water:
Evaporation rate:

PHYSICAL AND CHEMICAL PROPERTIES

A/C version - Clear liquid / Trans version - Red dye added.
> 300 degree F
< .4 mm/hg
0.83 (water = 1)
Very slight hydrocarbon odor.
Non soluble

SECTION 10

Stability:
Hazardous polymerization:
Incompatibilities:
Decomposition products:

REACTIVITY

Product is stable.
Will not occur.
Strong oxidizers and chlorine.
Analogous compounds evolve, carbon monoxide, carbon dioxide, and other undefined fragments when burned.

SECTION 11

General:

TOXICOLOGICAL INFORMATION

Acute LD. >5000mg/Kg (rat: oral) Practically non-toxic. Negative when tested by Ames test.

SECTION 12

General:

ECOLOGICAL INFORMATION

Biodegradable CEC L33T82 > 80% @ 45 days

SECTION 13

Waste disposal:

DISPOSAL CONSIDERATIONS

Used product must be disposed of in according to federal, state, and local environmental regulations.

SECTION 14

Technical name:
Packaging:
DOT hazard class:
IATA:
U.N./N.A.#:
Product label:

TRANSPORTATION INFORMATION

Synthetic hydrocarbon cleaner
1 gallon HDPE round (case qty-4)
Not regulated - packaged for ground transportation only.
Standard packaging not suitable for air transportation.
Not regulated.
Hecat Safe-Flush

SECTION 15

OSHA status:
TSCA status:
RCRA status:

REGULATORY INFORMATION

Non hazardous under 29 CFR 1900 1200
N/A

CARB status:

If discarded in its purchased form this product would not be a hazardous waste either by listing or characteristic. However, It is the users responsibility to determine if it is hazardous and the type of disposal. (40 CFR 261.20-24)
Title 17 California Code of Regulations classification 94509 Consumer Product - General Purpose Degreaser - Safe-Flush is a 5% VOC.

SECTION 16

General:

OTHER INFORMATION

This information is furnished without warranty, expressed or implied, except that it is the accurate to the best knowledge of Hecat, Inc. The data on this sheet related only to the specific material designed herein. Hecat, Inc assumes no legal responsibility for the use or reliance upon this data.