

FLEETGUARD INC -- COOLANT TEST KIT -- 6625-01-296-0023

===== Product Identification =====

Product ID:COOLANT TEST KIT

MSDS Date:08/01/1992

FSC:6625

NIIN:01-296-0023

MSDS Number: CGMYJ

=== Responsible Party ===

Company Name:FLEETGUARD INC

Address:RT 8

City:COOKEVILLE

State:TN

ZIP:38501-9808

Country:US

Info Phone Num:615-526-9551

Emergency Phone Num:615-526-9551

CAGE:4H242

=== Contractor Identification ===

Company Name:CUMMINS ENGINE CO INC

Address:500 JACKSON STREET

Box:3005/

City:COLUMBUS

State:IN

ZIP:47202-3005

Country:US

Phone:812-377-3196

CAGE:15434

Company Name:FLEETGUARD INC

Address:RT 8

Box:City:COOKEVILLE

State:TN

ZIP:38501-9808

Country:US

Phone:615-526-9551

CAGE:4H242

===== Composition/Information on Ingredients =====

Ingred Name:HYDROGEN CHLORIDE (HYDROCHLORIC ACID) (SARA 302/313)  
(CERCLA)

CAS:7647-01-0

RTECS #:MW4025000

Fraction by Wt: 3%

Other REC Lim

its:NONE RECOMMENDED  
OSHA PEL:C 5 PPM  
ACGIH TLV:C 5 PPM; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 97%  
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:SYMPTOMS ARE EXPECTED TO B  
E LESS

SEVERE THAN EXPOSURE TO HIGHER CONCENTRATIONS OF HYDROCHLORIC ACID,  
WHERE SYMPTOMS MAY INCLUDE IRRITATION TO RESPIRATORY TRACT, BURNING  
SENSATION, VOMITING, DIARRHEA.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.

Effects of Overexposure:RESPIRATORY TRACT IRRITATION, BURNING  
SENSATION, VOMITING, DIARRHEA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANU  
FACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS  
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.  
WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL  
ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET  
MEDICAL ATTENTION. INGESTION: GIVE SEVERAL GLASSES OF WATER. IF  
LARGE AMOUNTS ARE SWALLOWED, GET MEDICAL ADVICE.

=====

Fire Fighting Measures =====

Flash Point:NONFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:NONFLAMMABLE. USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE A FIRE OR EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Proc

edures:COVER SPILL WITH SODIUM BICARBONATE OR SODA

ASH AND MIX. LET STAND FOR A SHORT TIME TO COMPLETE NEUTRALIZATION.

NEUTRALIZED WASTE MAY BE TRANSFERRED TO A CLOSED, PREFERABLY METAL, CONTAINER. WASH SPILL ARE WITH SODA ASH SOLUTION & FLUSH WITH WATER.

Neutralizing Agent:SODIUM BICARBONATE OR SODA ASH.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTAINER, STORED IN COOL, DRY, VENTILATED ARE

A.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:RECOMMENDED

Eye Protection:CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE

AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

CONTACT SHOULD NOT BE WORN WHEN HANDLING THIS MATERIAL.

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:LIKE WATER

Vapor Density:LIKE WATER

Spec Gravity:1

Viscosity:LIKE WATER

Evaporation Rate & Referenc

e:SAME AS WATER

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS SOLUTION, NO ODOR

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:EMITS TOXIC FUMES OF CHLORINE WHEN HEATED TO DECOMPOSITION.

===== Disposal Considerations =====

Waste Disposal Methods:PREV

ENT WASTE FROM CONTAMINATING SURROUNDING

ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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