

HERCULES ENGINES INC -- GASKET -- 5330-00-024-2186

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

Product ID:GASKET

MSDS Date:12/22/1994

FSC:5330

NIIN:00-024-2186

MSDS Number: BWQYR

=== Responsible Party ===

Company Name:HERCULES ENGINES INC

Address:101 11TH ST S E

Box:24101

City:CANTON

State:OH

ZIP:44701-4101

Country:US

Info Phone Num:216-454-5631

Emergency Phone Num:216-454-5631

CAGE:28265

=== Contractor Identification ===

Company Name:HERCULES ENGINES INC

Address:101 1

1TH ST S E

Box:24101

City:CANTON

State:OH

ZIP:44701-4101

Country:US

CAGE:28265

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

Ingred Name:ASBESTOS, CHRYSOTILE

CAS:12001-29-5

RTECS #:CI6478500

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 FIBERS/CC

ACGIH TLV:2 FIBERS/CC; A1;9394

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

LD50 LC50 Mixture:TLV FOR ASBESTOS IS 2 FIBERS/CC

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinog

enicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chronic:HEALTH HAZARD-HAZARD WOULD ARISE ONLY IF PRODUCT IS SUBJECTED TO MECHANICAL ACTION THAT WOULD RELEASE FIBERS.ACUTE HAZARD:EYE AND SKIN IRRITATION. CHRONIC HAZARD:INHALATION OF AIRBORNE FIBERS CAN CAUS E ASBESTOSIS,LUNG CANCER AND MESOTHELIOMA.INGESTION CAN CAUSE CANCER OF GI TRACT AND LARYNX.

Explanation of Carcinogenicity:ASBESTOS IS LISTED UNDER NTP,IARC AND OSHA. ETHYLENE THIOUREA IS LISTED UNDER NTP AND IARC.

Effects of

Overexposure:EYE:IRRITATION.SKIN:DERMATITIS.INHALATION:LABORED BREATHING,RESTRICTED PULMONARY FUNCTION.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE. HIGHER RISK WITH SMOKERS.

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

First Aid:EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.IF IRRITATION PERSISTS,SEE DOCTOR. SKIN:WASH WITH SOAP AND WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.IF IRRITATION PERSISTS,SEE DOCTOR. INHALATION:REMOVE VICTIM TO FRESH AIR.SEE DOCTOR. INGESTION:NO SPECIFIC ACTION.SEE DOCTOR.

===== Fire Fighting Measures =====

Flash Point:NONE

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/

Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:WET WASTE.VACUUM UP ANY WASTE WITH HEPA FILTERED VACUUM CLEANER. WEAR PROTECTIVE EQUIPMENT AND HALF FACE RESPIRATOR WITH HEPA FILTERS.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN CLEAN,DRY PLACE,AWAY FROM STRONG OXIDIZING AGENTS. NORMAL WASH

UP AFTER HANDLING IS
RECOMMENDED.
Other Precautions:ASBESTOS IS BONDED BY AN ELASTOMETER COMPOUND,
HOWEVER, DO NOT MISUSE BY IMPROPER CUTTING OR HANDLING.

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

Respiratory Protection:NONE NORMALLY REQUIRED. IF FIBERS MAY BE
RELEASED, USE NIOSH APPROVED HALF FACE RESPIRATOR WITH HEPA
FILTERS.
Ventilation:NO SPECIAL REQUIREMENT UNDER NORMAL CONDITIONS. IF FIBERS
MAY BE RELEASED, USE LOCAL EXHAUST VENTILATION.

Protective Gloves:NOT NORMALLY REQUIRED.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
HERCULES(MFR) WAS UNABLE TO PROVIDE THE REQUIRED MSDS.MSDS DATA
PROVIDED BY MR. KURT W. MANTE, AT DEFENSE INDUSTRIAL CENTER. AS
MANUFACTURED, LOCKED-IN ASBESTOS DOES NOT PRESENT A HAZARD. ONLY
WHEN THE ITEM
IS SUBJECTED TO ABRASIVE ACTIONSAND DUST IS
GENERATED, THEN ASBESTOS FIBERS MAY BE RELEASED AND BECOME
AIRBORNE.

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

HCC:T6
Solubility in Water:INSOLUBLE
Appearance and Odor:GASKET.

===== 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:ASB
ESTOS FIBERS.

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

Waste Disposal Methods:CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
ASBESTOS DUST SHOULD BE WETTED AND VACUUMED UP WITH HEPA FILTERED
VACUUM CLEANER,SEALED IN A PLASTIC BAG,AND TURNED IN TO DISPOSAL
COMPANY.DISPOSE OF IN ACCORDANCE WITH ALL LAWS AND REGULATIONS.

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