

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 11TH 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 o

f Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity: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 LIST
ED 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
DOCTO R. 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. LAUNDRY 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, LO

CKED-IN ASBESTOS DOES NOT PRESENT A HAZARD. ONLY
WHEN THE ITEM IS SUBJECTED TO ABRASIVE ACTIONS AND 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: N
ONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: ASBESTOS 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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