

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

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Product Identification  
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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 I  
dentification ===  
Company Name:HERCULES ENGINES INC  
Address:101 11TH ST S E  
Box:24101  
City:CANTON  
State:OH  
ZIP:44701-4101  
Country:US  
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Composition/Information on Ingredients  
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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

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Hazards Identification  
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LD50 LC50 Mixture:TLV FOR ASBESTOS IS 2 FIBERS/CC  
Routes of

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 CAUSE 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 C

LEAN, 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.

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===== 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, LOCK

ED-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.

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

HCC: T6

Solubility in Water: INSOLUBLE

Appearance and Odor: GASKET.

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===== 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: ASBESTOS FIBERS.

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===== 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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