

ZOK INC -- ZOK 27 GAS TURBINE COMPRESSOR CLEANER

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MSDS Safety Information
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FSC: 6850
NIIN: 01-433-6436
MSDS Date: 10/01/1997
MSDS Num: CFKMG
Product ID: ZOK 27 GAS TURBINE COMPRESSOR CLEANER
MFN: 01
Responsible Party
Cage: 02ZK3
Name: ZOK INC
Address: 8226 DERR ST
City: HOUSTON TX 77029
Info
Phone Number: 800-727-6027
Emergency Phone Number: 800-727-6027 / 24-HR: 888-582-3178
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Item Description Information
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Item Manager: S9G
Item Name: CLEANING COMPOUND,SOLVENT
Specification Number: MIL-PRF-85704
Type/Grade/Class: III TYPE
Unit of Issue: CN
Quantitative Expression: 00000000005GL
UI Container Qty: 0
Type of Container: CAN
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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: INHALATION- AT HIGH TEMPERATURES MAY CAUSE IRRITATION OF
RESPIRATORY TRACT. EYES- DIRECT CONTACT OR EXPOSU

RE TO VAPORS MAY CAUSE IRRITATION. SKIN- MAY CAUSE IRRITATION. PROLONGED CONTACT COULD CAUSE DEFATTING. INGESTION- GASTROINTESTINALUPSET.

Explanation Of Carcinogenicity: PRODUCT CONTAINS NO MATERIALS CURENTLY CLASSIFIED AS CARCINOGENIC BY NTP/IARC/OSHA.

Signs And Symptions Of Overexposure: INGESTION-HEADACHE, NAUSEA, VOMITING, DIZZINESS.IRRIT OF RESPIRATORY TRACT.EYE IRRIT.SKIN IRRIT,DEFATTING.

Medical Cond Aggravated By Exposure: NONE KNOWN.

First Aid: INHAL-REMOVE FRM AREA TO FRESH

AIR.RESP IRRIT DVLPS/BREATH BECOMES

DIFFIC GET MED ATTN.EYE-IMMED RINSE EYES W/H2O.REMOVE ANY CONTACT LENSES,CONTD FLUSH W/RUNN H2O @LEAST 15MINS. HOLD EYELIDS APART TO ENSURE RINSING OF ENTIRE EYE SURFACE &LIDS.IRRIT PERSISTS GET MED ATTN.SKIN-WASH W/PLENTY OF H2O/SOAP.REMOVE/CLEAN CONTAM CLOTH/SHOES.INGEST-GIVE 2-3 GLASSES OF H2O.DONT INDUCE VOMIT.VOMIT OCCURS,GIV E FLUIDS AGAIN.GET MED ATTN TO DETERMINE WHETHER VOMIT/EVACUATION OF STOMACH NECESASRY.DONT GIVE ANYTHING

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UTH IF UNCONSC/CONVUSLING.

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Handling and Disposal

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Spill Release Procedures: WEAR APPROP PROTECTIVE EQPMT.LAND--SM:ABSORB W/SAND/VERMIC,SWEEP UP,PLACE IN COMPATIBLE CNNR FOR LATER DISPO.RESIDUE CAN BE WASHED W/H2O.LG:DIKE FOR LATER SALVAGE/DISPO.AVOID RUNOFF INTO STORM SEWERS/ DITCHES WHICH LEAD TO WATERWAYS.H2O--DIVERT TO PREVENT SPREAD REMOVE LIQ FOR SUBSEQUENT DISPO.IF NOT PO

SSIBLE DIL W.LG QUANT OF H2O,AGITATE TO ENHANCE BIODEGRADATION.

Waste Disposal Methods: DISPOSE OF BY METHODS IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Handling And Storage Precautions: WEAR APPROPRIATE PROTECTIVE EQPMT.AVOID CONTACT W/EYES/SKIN/CLOTHING.AVOID BREATH VAP/MIST.FREQUENT/PROL CONTACT W/SKIN COULD CAUSE DEFATTING LEADING TO DRY CRACKING.USE OF EMOLLIENT CREAM RECOMMENDED AFT PROL SKIN CONTACT.STORE BETWEEN 40F& 170F.IF INADVERTENTLY FROZEN PROD SERVI

CEABLE AFT THAWING

Other Precautions: PRODUCT HAS SHELF LIFE OF AT LEASAT 5 YEARS.

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Fire and Explosion Hazard Information

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Flash Point Method: PMCC

Flash Point: >100.C, 212.F

Extinguishing Media: FOR SMALL FIRES, USE WATER SPRAY, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL. FOR LARGE FIRES, USE WATER SPRAY, FOG OR ALCOHOL FOAM.

Fire Fighting Procedures: MOVE CONTAINERS FROM AREA IF IT CA

N BE DONE WITHOUT

RISK. COOL FIRE-EXPOSED CONTAINERS WITH WATER FROM SIDE.AS IN ANY FIRE WEAR NIOSH/MSHA APPROVED PRESSURE-DEMAND SELFCONTAINED BREATHING APPARATUS & FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard: WILL NOT BURN.

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Control Measures
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Respiratory Protection: FOR EXPO > EXPO LIMIT OR WORKING AREAS CONFINED OR HEAVY MIST EXPECTED USE A NIOSH/MSHA APPROVED CHEMICAL RESPIRATOR THAT HAS BEEN SELECTED BY AN INDUSTRIAL HYGIENIST OR OTHER TECHNICALLY QUALIFIED PERSON FOR THE SPECIFIC WORK CONDITIONS.

Ventilation: USE LOCAL EXHAUST OR GENERAL DILUTION VENTILATION TO MAINTAIN EXPOSURES BELOW ESTABLISHED PERMISSIBLE LEVELS.

Protective Gloves: USE RUBBER GLOVES.

Eye Protection: SAFETY GLASSES, CHEMICAL SPLASH GOGGLES

Other Protective Equipment: USE DISPO CLOTHS & DISCARD WHEN SOILED.DONT PUT SOILED CLOTHS INTO POCKETS.WEAR LONG SLEEVE SHIRTS & LONG

PANTS.CONTAM CLOTH SHOULD BE REMOVED & LAUNDERED.EYE WASH.

Work Hygienic Practices: WASH THOROUGHLY AFT HNDLG.MAINTAIN GOOD WORKING PRACT & HI STDS OF PERSONAL HYG & PLANT CLEANLINESS @ALL TIMES.USE OF EMOLLIENT CREAM RECOMMENDED AFTER SKIN CONTACT.

Supplemental Safety and Health: NONE

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Physical/Chemical Properties
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HCC: N1

Boiling Point: =100.C, 212.F

M.P/F.P Text: N/D

Spec Gra

vity: 1.010

PH: 7.4CONCENTRATE

Solubility in Water: SOLUBLE

Appearance and Odor: CLEAR LIQUID WITH A PALE STRAW COLOR AND A MILD PLEASANT ODOR.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: NONE KNOWN.

Materials To Avoid: STRONG OXIDIZING OR REDUCING AGENTS.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, AND OXIDES OF NITROGEN.

Hazardou

s Polymerization Indicator: NO

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Transport Information: NON-REGULATED
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Regulatory Information
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Sara Title III Information: SARA TITLE III, SECTION 302: NO EXTREMELY HAZARDOUS
CHEMICALS.

Federal Regulatory Information: EPA TSCA INVENTORY-ALL COMPONENTS OF THIS
PRODUCT ARE LISTED ON THE EPA TSCA INVENTORY.
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Other Information
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Other Information: PH=7.3 AS USED,
DILUTED 1:4 WITH WATER (20% SOLUTION).
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Transportation Information
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Responsible Party Cage: 02ZK3

Trans ID NO: 136455

Product ID: ZOK 27 GAS TURBINE COMPRESSOR CLEANER

MSDS Prepared Date: 10/01/1997

Review Date: 09/29/1997

MFN: 1

Net Unit Weight: 42.1 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

Type Of Container: CAN
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Detail DOT Information

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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information

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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information

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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information

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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label

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Product
ID: ZOK 27 GAS TURBINE COMPRESSOR CLEANER
Cage: 02ZK3
Company Name: ZOK INC
Street: 8226 DERR ST
City: HOUSTON TX
Zipcode: 77029
Health Emergency Phone: 800-727-6027 / 24-HR: 888-582-3178
Label Required IND: Y
Date Of Label Review: 11/13/1999
Status Code: C
Label Date: 09/29/1997
Year Procured: 1999
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: None
Reactivity Haz

ard: None

Hazard And Precautions: WEAR APPROPRIATE PROTECTIVE EQUIPMENT. IN CASE OF SPILL: WEAR APPROPRIATE PROTECTIVE EQUIPMENT. SM SPILLS: ABSORB WITH SAND OR VERMICULITE, SWEEP UP AND PLACE IN A COMPATIBLE CONTAINER FOR LATER DISPOSAL. RESIDUE CAN BE WASHED WITH WATER. LG SPILLS: DIKE FOR LATER SALVAGE OR DISPOSAL. FIRST AID: GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF NEEDED. EYES: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SK

IN: WIPE OFF EXCESS. WASH SKIN WITH SOAP & WATER.

ORAL: DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. GET MEDICAL ATTENTION.

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