

SHELL OIL COMPANY -- SHELL VPI 260 (SHELL CODE: 73596) -- 6850-00-368-5233

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Product Identification  
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Product ID:SHELL VPI 260 (SHELL CODE: 73596)

MSDS Date:11/03/1988

FSC:6850

NIIN:00-368-5233

MSDS Number: BDXGM

=== Responsible Party ===

Company Name:SHELL OIL COMPANY

Address:HEALTH, SAFETY AND ENVIRONMENT

Box:4320

City:HOUSTON

State:TX

ZIP:77210

Country:US

Info Phone Num:713-241-4819

Em

ergency Phone Num:713-473-9461

CAGE:54527

=== Contractor Identification ===

Company Name:SHELL OIL COMPANY

Box:2463

City:HOUSTON

State:TX

ZIP:77210

Country:US

Phone:800-231-6950

CAGE:54527

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Composition/Information on Ingredients  
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Ingred Name:DICYCLOHEXYLAMINE NITRITE

CAS:3129-91-7

RTECS #:HY4200000

Fraction by Wt: 99.9%

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Hazards Identification  
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LD50 LC50 Mixture:NOT KNOWN

Routes of Entry: Inhalation:NO Skin:YES Ingestio

n:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-INGESTION:HARMFUL OR FATAL.  
ASPIRATION INTO LUNGS CAN CAUSE CHEMICAL PNEUMONIA AND CAN BE FATAL. INHALATION OF MIST MAY CAUSE IRRITATION OF NOSE & THROAT. EYE:IRRITATION. SKIN: IRRITATION. CHRON IC-PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION, SENSITIZATION. INHALATION MAY CAUSE KIDNEY DAMAGE.

Explanation of Carcinogenicity:NONE  
Effects of Overexposure:INHHALTION: EXCESSI  
VE BREATHING OF VAPORS MAY

CAUSE NASAL AND RESPIRATORY IRRITATION. EYES: CAUSES SEVERE IRRITATION AND BLURRED VISION; SKIN: CAUSES IRRITATION. MAY BE HARMFUL IF ABSORBED THROUGH SKI N. MAY CAUSE AN ALLERGIC SKIN REACTION ON PROLONGED AND REPEATED CONTACT; INGESTION: MAY BE HARMFUL.CAUSES GI IRRITATION

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH KIDNEY, EYE, OR SKIN DISORDER MAY BE AT INCREASED RISK FROM EXPOSURE OF THIS MATERIAL.

===== Fir  
st Aid Measures =====

First Aid:EYE: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION OR OXYGEN AS NEEDED. INGESTION: GIVE NO MORE THAN 2 GLASSES OF WATER AND INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE MEDICAL ATTENTION. IF ANY IRRITATION PERSISTS OR IS SEVERE,GET PROMPT MEDICAL CARE.

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

Flash Point Method:COC  
Flash Point:240F,116C  
Extinguishing Media:DRY CHEMICAL  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:REMOVE RESD VPI 260 W/WATER WASH BEFORE WELDING PIPE OR VESSELS. PRODUCT IS COMBUSTIBLE

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

Spill Release Procedures:SMALL SPI

LL:FLUSH MATERIAL TO SEWER WITH LARGE AMOUNTS OF WATER. LARGE SPILL OR TRANSPORTATION INCIDENT:ABSORB SPILL WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR CHEMICAL WASTE. PREVENT RUNOFF FROM ENTERING DRAINS, SEWERS, AND STREAMS.  
Neutralizing Agent:NONE

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE IN COOL DRY AREA. LIGHT OR EXCESS HEAT MAY DISCOLOR POWDER.  
Other Precautions:AVOID EYE,SKN CONTACT OR INHAL DUST. AVOID CONTAMINATE FOODS & ANIMAL FEEDS

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR DUST/MIST IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:LOCAL PREFERRED

Protective Gloves:IMPERVIOUS

Eye Protection:FACE SHIELD OR GOGGLES

Other Protective Equipment

Shower:SHOWER, EYEWASH FOUNTAIN, FULL PROTECTIVE CLOTHING.

Work Hygienic Practices:USE GOOD INDUSTRIAL HYGIENE PRACTICE. WASH AFTER USING THE PRODUCT AND BEFORE EATING, DRINKING, ETC.

Supplemental Safety and Health

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

HCC:F8

Melt/Freeze Pt:M.P/F.P Text:390F,199C

Decomp Temp:Decomp Text:390F,199C

Vapor Pres: