

# PARAMOUNT MINERALS AND CHEMICALS LIMITED

## MATERIAL SAFETY DATA SHEET OF PARAWHITE DMS CON POWDER

### SECTION 01 : PRODUCT IDENTIFICATION

MANUFACTURER.....PARAMOUNT MINERALS AND CHEMICALS LIMITED  
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PRODUCT NAME.....**PARAWHITE DMS CON POWDER**

PRODUCT USE.....**DETERGENT INDUSTRY**

CHEMICAL FAMILY.....**C.I. FLOURESCENT BRIGHTENER 71 PREPERATION OF  
2,2'-STILBENEDISULFONIC ACID, 4,4'-BIS[(4-ANILINO-6-MORPHOLINO-S-  
TRIAZIN- 2-YL)AMINO] - DISODIUM SALT**

MATERIAL USE.....OPTICAL BRIGHTENING AGENT

### SECTION 02 : HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	T.L.V	C.A.S.#	LD/50. ROUTE, SPECIE	LC/50, ROUTE, SPECIE
NONE			16090-02-1	N/A	N/A

### SECTION 03 : HAZARDS IDENTIFICATION

NO DANGER CLASSIFICATION IN ACCORDANCE WITH THE EUROPEAN UNION GUIDELINES.

### SECTION 04 : FIRST AID MEASURES

EYE CONTACT.....IN CASE OF CONTACT, IMMEDIATELT FLUSH EYES WITH PLENTY OF WATER  
FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN IF IRRITATION  
CONTINUES.

SKIN CONTACT.....IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER.  
REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE REUSE.

INHALATION.....IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. OBTAIN MEDICAL  
ATTENTION.

INGESTION.....IF INGESTED, CONSULT A PHYSICIAN.

ADDITIONAL INFORMATION.....NOT AVAILABLE

### SECTION 05 : FIRE FIGHTING MEASURES

FLASH POINT © , METHOD.....NOT APPLICABLE

AUTO IGNITION TEMPERATURE ...NOT APPLICABLE

UPPER FLAMABLE LIMIT (%VOL)....NOT AVAILABLE

LOWER FLAMABLE LIMIT(%VOL)....NOT AVAILABLE

EXTINGUISHING MEDIA.....CARBON DIOXIDE, DRY CHEMICAL, FOAM. WATER SPRAY

HAZARDOUS COMBUSTION PROD...BY FIRE: PROTECT AGAINST POTENTIALLY TOXIC AND IRRITATING FUMES .

SENSITIVITY TO MECHANICAL.....NOT APPLICABLE

IMPACT

SENSITIVITY TO STATIC.....NOT APPLICABLE

DISCHARGE

### SECTION 06 : ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL. AFTER PICK  
UP SPILL AREA CAN BE WASHED WITH WATER. AVOID RAISING DUST.  
VENTILATE AREA.

### SECTION 07 : HANDLING AND STORAGE

HANDLING PROCEDURES.....AVOID SKIN AND EYE CONTACT. AVOID BREATHUNG VAPORS. MAINTAIN A  
GOOD PERSONAL HYGIENE.

STORAGE NEEDS.....KEEP CONTAINERS TIGHTLY CLOSED. STORE IN A COOL DRY AREA AWAY  
FROM EXCESS HEAT.

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SECTION 08 : EXPOSURE CONTROLS / PERSONAL PROTECTION

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PROTECTIVE EQUIPMENT

EYE/TYPE.....SAFETY GLASSES  
RESPIRATORY/TYPE.....NONE REQUIRED UNDER NORMAL USE.  
GLOVES/TYPE.....CHEMICAL RESISTANT GLOVES.  
CLOTHING/TYPE.....WEAR ADEQUATE PROTECTIVE CLOTHES.  
FOOTWEAR/TYPE.....NOT APPLICABLE  
OTHER/TYPE.....EYEWASH FOUNTAIN. EMERGENCY SHOWER SHOULD BE IN CLOSE

PROXIMITY .

VENTILATION REQUIREMENTS.....VENTILATE ADEQUATELY.

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SECTION 09 : PHYSICAL PROPERTIES

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PHYSICAL STATE.....**OFF WHITE POWDER**

ODOR.....ODOURLESS

BULK DENSITY.....1.0

ODOR THRESHOLD(ppm).....NOT AVAILABLE

VAPOUR PRESSURE(mm Hg).....NOT APPLICABLE

VAPOUR DENSITY(AIR=1).....NOT AVAILABLE

EVAPORATION RATE.....NOT AVAILABLE

BOILING POINT(deg c).....N.A

pH.....**9.0-9.5**

SOLUBILITY IN WATER(% w/w).....MISCIBLE

COEFFICIENT OF WATER/OIL.....NOT APPLICABLE

DISTRIBUTION

FREEZING POINT (deg c).....NOT AVAILABLE

MELTING POINT (deg c).....NOT AVAILABLE

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SECTION 10 : STABILITY AND REACTIVITY

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INCOMPATIBILITY.....NOT AVAILABLE

REACTIVITY CONDITIONS.....NOT AVAILABLE

HAZARDOUS PRODUCTS OF.....NOT AVAILABLE

DECOMPOSITION

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SECTION 11 : TOXICOLOGICAL INFORMATION

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ACUTE TOXICITY (LD50).....2000 MG/KG (RAT)

IRRITANCY OF MATERIAL.....NON IRRITANT

SENSITIZING CAPABILITY OF.....NOT AVAILABLE  
MATERIAL

CARCINOGENICITY OF MATERIAL..NOT AVAILABLE

TERATOGENICITY.....NOT AVAILABLE

MUTAGENICITY.....NOT AVAILABLE

REPRODUCTIVE EFFECTS.....NOT AVAILABLE

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SYNERGISTIC MATERIALS.....NOT AVAILABLE SECTION 12 : ECOLOGICAL INFORMATION

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FISH TOXICITY.....LCO: 1 - 10 MG/L

LC50: >350 MG/L

TEST SPECIES.....BRACHYDANIO

TESTING TIME.....96 H

BIODEGRADABILITY

INHIBITION OF ACTIVITY OF.....50% - INHIBITORY EFFECTS: ABOVE 100 MG/L

WASTE WATER BACTERIA:

METHOD.....RESPIRATORY INHIBITION OF ACTIVATED SLUDGE ORGANISMS ACCORDING  
TO D. BROWN ET AL., CHEMOSPHERE, 10(3), 245-261 (1981), AND CONFORMING  
TO OECD GUIDELINE 209.

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SECTION 13 : DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL.....IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL  
REGULATIONS.

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SECTION 14 : TRANSPORT INFORMATION

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T.D.G.CLASSIFICATION.....NON REGULATED.

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SECTION 15 : REGULATORY INFORMATION

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SYMBOL AND CLASSIFYING.....NO MARKINGS REQUIRED

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SECTION 16 : OTHER INFORMATION

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RESPONSIBILITY FOR USE OR RELIANCE UPON THESE DATA.

PREPARED BY.....HEALTH, ENVIRONMENT & SAFETY DEPT.

DATED..... DECEMBER 14,2009

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