

WonderPaint PLZ100 - MSDS

WonderPaint, Inc.  
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Woodburn, Kentucky 42170

Date: Dec. 04, 2001  
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For Emergency Assistance involving chemicals call - CHEMTREC (800) 424-9300

PRODUCT NAME: PLZ100 DISPERSING AGENT

2. COMPOSITION/INFORMATION ON INGREDIENTS

SODIUM SULFATE	CAS# 007757-82-6	5-12%
WATER	CAS# 007732-18-5	2-10%
NAPHTHALENE SULFONIC ACID, FORMALDEHYDE, SODIUM SALT COPOLYMER	CAS# 009084-06-4	78-98%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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\* AMBER POWDER. SLIGHT MOTHBALL ODOR. DUST EXPLOSION HAZARD. \*  
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POTENTIAL HEALTH EFFECTS (SEE SECTION 11 FOR TOXICOLOGICAL DATA.)

EYE: MAY CAUSE SLIGHT TRANSIENT (TEMPORARY) EYE IRRITATION.  
CORNEAL INJURY IS UNLIKELY.

SKIN: PROLONGED EXPOSURE MAY CAUSE SLIGHT SKIN IRRITATION.  
A SINGLE PROLONGED EXPOSURE IS NOT LIKELY TO RESULT IN THE  
MATERIAL BEING ABSORBED THROUGH SKIN IN HARMFUL AMOUNTS.

INGESTION: SINGLE DOSE ORAL TOXICITY IS CONSIDERED TO BE LOW.  
SMALL AMOUNTS SWALLOWED INCIDENTAL TO NORMAL HANDLING OPERATIONS  
ARE NOT LIKELY TO CAUSE INJURY; SWALLOWING AMOUNTS LARGER THAN  
THAT MAY CAUSE INJURY. INGESTION MAY CAUSE GASTROINTESTINAL IRRITATION.

INHALATION: DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT  
(NOSE AND THROAT).

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: NO RELEVANT INFORMATION FOUND.

CANCER INFORMATION: NO RELEVANT INFORMATION FOUND.

TERATOLOGY (BIRTH DEFECTS): FOR THE MINOR COMPONENT(S) SODIUM SULFATE.  
SCREENING STUDIES IN ANIMALS SUGGEST THAT THIS  
MATERIAL HAS A POTENTIAL TO AFFECT FETAL DEVELOPMENT.

REPRODUCTIVE EFFECTS: NO RELEVANT INFORMATION FOUND.

4. FIRST AID

EYE: FLUSH EYES WITH PLENTY OF WATER.

SKIN: WASH OFF IN FLOWING WATER OR SHOWER.

INGESTION: IF SWALLOWED, SEEK MEDICAL ATTENTION. DO NOT INDUCE  
VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.

INHALATION: REMOVE TO FRESH AIR IF EFFECTS OCCUR. CONSULT A PHYSICIAN.

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NOTE TO PHYSICIAN: NO SPECIFIC ANTIDOTE. SUPPORTIVE CARE.  
TREATMENT BASED ON JUDGMENT OF THE PHYSICIAN IN RESPONSE TO  
REACTIONS OF THE PATIENT.

### 5. FIRE FIGHTING MEASURES

#### FLAMMABLE PROPERTIES

FLASH POINT: NOT DETERMINED.  
METHOD USED: NOT DETERMINED.  
AUTOIGNITION TEMPERATURE: NOT APPLICABLE.

#### FLAMMABILITY LIMITS

LFL: NOT AVAILABLE.  
UFL: NOT AVAILABLE.

HAZARDOUS COMBUSTION PRODUCTS: DURING A FIRE, SMOKE MAY CONTAIN  
THE ORIGINAL MATERIAL IN ADDITION TO UNIDENTIFIED TOXIC AND/OR  
IRRITATING COMPOUNDS. HAZARDOUS COMBUSTION PRODUCTS MAY INCLUDE  
AND ARE NOT LIMITED TO SULFUR OXIDES, CARBON MONOXIDE AND CARBON  
DIOXIDE.

OTHER FLAMMABILITY INFORMATION: DENSE SMOKE IS PRODUCED WHEN  
PRODUCT BURNS. DO NOT PERMIT DUST TO ACCUMULATE. DUST LAYERS  
CAN BE IGNITED BY SPONTANEOUS COMBUSTION OR OTHER IGNITION  
SOURCES. WHEN SUSPENDED IN AIR DUST CAN POSE AN EXPLOSION  
HAZARD.

EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE, DRY CHEMICAL.

FIRE FIGHTING INSTRUCTIONS: KEEP PEOPLE AWAY. ISOLATE FIRE AREA  
AND DENY UNNECESSARY ENTRY. COOL SURROUNDINGS WITH WATER TO  
LOCALIZE FIRE ZONE. DUST EXPLOSION HAZARD MAY RESULT FROM  
FORCEFUL APPLICATION OF FIRE EXTINGUISHING AGENTS. HAND HELD  
CARBON DIOXIDE OR DRY CHEMICAL EXTINGUISHERS MAY BE USED FOR  
SMALL FIRES. SOAK THOROUGHLY WITH WATER TO COOL AND PREVENT  
RE-IGNITION.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: WEAR POSITIVE-PRESSURE  
SELF-CONTAINED BREATHING APPARATUS (SCBA) AND PROTECTIVE FIRE  
FIGHTING CLOTHING (INCLUDES FIRE FIGHTING HELMET, COAT, PANTS,  
BOOTS AND GLOVES). IF PROTECTIVE EQUIPMENT IS NOT AVAILABLE  
OR NOT USED, FIGHT FIRE FROM A PROTECTED LOCATION OR SAFE  
DISTANCE.

### 6. ACCIDENTAL RELEASE MEASURES (SEE SECT. 15 FOR REGULATORY INFORMATION)

PROTECT PEOPLE: USE APPROPRIATE SAFETY EQUIPMENT. FOR ADDITIONAL  
INFORMATION, REFER TO SECTION 8, EXPOSURE CONTROLS/PERSONAL  
PROTECTION. CLEAR NON-EMERGENCY PERSONNEL FROM AREA.

PROTECT THE ENVIRONMENT: AVOID CONTAMINATION OF ALL WATERWAYS.

CLEANUP: SEE SECTION 13, DISPOSAL CONSIDERATIONS. REMOVE WITH  
SHOVEL. COLLECT IN SUITABLE AND PROPERLY LABELED CONTAINERS.

### 7. HANDLING AND STORAGE

HANDLING: SEE SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION.  
AVOID EXPOSURE TO PRODUCT DUST RESULTING FROM OPEN TRANSFER  
OPERATIONS. GOOD HOUSEKEEPING AND CONTROLLING OF DUSTS ARE  
NECESSARY FOR SAFE HANDLING OF PRODUCT. NO SMOKING, OPEN FLAMES

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OR SOURCES OF IGNITION IN HANDLING AND STORAGE AREA.

STORAGE: SEE SECTION 10, STABILITY AND REACTIVITY. STORE IN A DRY PLACE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS BELOW THE EXPOSURE GUIDELINES.

PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: USE SAFETY GLASSES.

SKIN PROTECTION: USE GLOVES IMPERVIOUS TO THIS MATERIAL WHEN PROLONGED OR FREQUENTLY REPEATED CONTACT COULD OCCUR.

RESPIRATORY PROTECTION: ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW THE EXPOSURE GUIDELINE. WHEN RESPIRATORY PROTECTION IS REQUIRED FOR CERTAIN OPERATIONS, USE AN APPROVED AIR-PURIFYING RESPIRATOR. IN DUSTY ATMOSPHERES, USE AN APPROVED DUST RESPIRATOR.

EXPOSURE GUIDELINES: SODIUM SULFATE: DOW IHG IS 10/MG/M3.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/PHYSICAL STATE: AMBER COLORED POWDER.

ODOR: SLIGHT MOTHBALL ODOR.

VAPOR PRESSURE: NOT APPLICABLE.

VAPOR DENSITY: NOT AVAILABLE.

SOLUBILITY IN WATER/MISCIBILITY: MISCIBLE WITH WATER.

SPECIFIC GRAVITY OR DENSITY: NOT APPLICABLE.

PH: 7-10.5 (1% IN SOLUTION).

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: THERMALLY STABLE AT TYPICAL USE TEMPERATURES.

CONDITIONS TO AVOID: PRODUCT CAN DECOMPOSE AT ELEVATED TEMPERATURES.

INCOMPATIBILITY WITH OTHER MATERIALS: AVOID CONTACT WITH OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: HAZARDOUS DECOMPOSITION PRODUCTS DEPEND UPON TEMPERATURE, AIR SUPPLY AND THE PRESENCE OF OTHER MATERIALS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

11. TOXICOLOGICAL INFORMATION

SKIN: THE LD50 FOR SKIN ABSORPTION IN RABBITS IS >16,000 MG/KG.

INGESTION: THE ORAL LD50 FOR RATS IS 3250-4300 MG/KG.

MUTAGENICITY: NO RELEVANT INFORMATION FOUND.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE

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MOVEMENT & PARTITIONING: NO BIOCONCENTRATION IS EXPECTED BECAUSE OF THE RELATIVELY HIGH WATER SOLUBILITY.

DEGRADATION & PERSISTENCE: BIODEGRADATION UNDER AEROBIC STATIC LABORATORY CONDITIONS IS LOW (BOD20 OR BOD28/THOD BETWEEN 2.5 AND 10%). 28-DAY BIOCHEMICAL OXYGEN DEMAND (BOD28) IS 9.7% OF THOD. MEAN BIODEGRADATION REACHED IN THE MODIFIED SCAS TEST (OECD TEST NO. 302 A): 3.91%.

ECOTOXICITY: MATERIAL IS SLIGHTLY TOXIC TO AQUATIC ORGANISMS ON AN ACUTE BASIS (LC50/EC50 BETWEEN 10 AND 100 MG/L IN MOST SENSITIVE SPECIES). ACUTE IMMOBILIZATION EC50 IN WATER FLEA DAPHNIA MAGNA IS 71 MG/L. ACUTE LC50 IN FATHEAD MINNOW (PIMPEPHALES PROMELAS) IS 100 MG/L.

13. DISPOSAL CONSIDERATIONS (SEE SECTION 15 FOR REGULATORY INFORMATION)

DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND OR INTO ANY BODY OF WATER. ALL DISPOSAL METHODS MUST BE IN COMPLIANCE WITH ALL FEDERAL, STATE/PROVINCIAL AND LOCAL LAWS AND REGULATIONS. REGULATIONS MAY VARY IN DIFFERENT LOCATIONS. WASTE CHARACTERIZATIONS AND COMPLIANCE WITH APPLICABLE LAWS ARE THE RESPONSIBILITY SOLELY OF THE WASTE GENERATOR. WONDERPAINT, INC. HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 2 (COMPOSITION/INFORMATION ON INGREDIENTS).

FOR UNUSED & UNCONTAMINATED PRODUCT, THE PREFERRED OPTIONS INCLUDE SENDING TO A LICENSED, PERMITTED: RECYCLER, RECLAIMER, INCINERATOR OR OTHER THERMAL DESTRUCTION DEVICE.

14. TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (D.O.T.): FOR D.O.T. REGULATORY INFORMATION, IF REQUIRED, CONSULT TRANSPORTATION REGULATIONS OR PRODUCT SHIPPING PAPERS.

CANADIAN TDG INFORMATION: FOR TDG REGULATORY INFORMATION, IF REQUIRED, CONSULT TRANSPORTATION REGULATIONS OR PRODUCT SHIPPING PAPERS.

15. REGULATORY INFORMATION

(NOT MEANT TO BE ALL-INCLUSIVE--SELECTED REGULATIONS REPRESENTED)

NOTICE: THE INFORMATION HEREIN IS PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE AS OF THE EFFECTIVE DATE SHOWN ABOVE. HOWEVER, NO WARRANTY, EXPRESS OR IMPLIED IS GIVEN. REGULATORY REQUIREMENTS ARE SUBJECT TO CHANGE AND MAY DIFFER FROM ONE LOCATION TO ANOTHER; IT IS THE BUYER'S RESPONSIBILITY TO ENSURE THAT ITS ACTIVITIES COMPLY WITH FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS. THE FOLLOWING SPECIFIC INFORMATION IS MADE FOR THE PURPOSE OF COMPLYING WITH NUMEROUS FEDERAL, STATE OR PROVINCIAL, AND LOCAL LAWS AND REGULATIONS. SEE OTHER SECTIONS FOR HEALTH AND SAFETY INFORMATION.

SARA 313 INFORMATION: TO THE BEST OF OUR KNOWLEDGE, THIS PRODUCT CONTAINS NO CHEMICAL SUBJECT TO SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION REQUIREMENTS.

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SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE  
EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTIONS 311 AND 312 OF THE  
SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND  
IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING  
CATEGORIES:

NOT TO HAVE MET ANY HAZARD CATEGORY

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CALIFORNIA PROPOSITION 65: THE FOLLOWING STATEMENT IS MADE IN ORDER TO  
COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT  
OF 1986:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF  
CALIFORNIA TO CAUSE CANCER.

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TOXIC SUBSTANCES CONTROL ACT (TSCA):

ALL INGREDIENTS ARE ON THE TSCA INVENTORY OR ARE NOT REQUIRED TO BE  
LISTED ON THE TSCA INVENTORY.

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STATE RIGHT-TO-KNOW: THE FOLLOWING PRODUCT COMPONENTS ARE CITED ON  
CERTAIN STATE LISTS AS MENTIONED. NON-LISTED COMPONENTS MAY BE SHOWN  
IN THE COMPOSITION SECTION OF THE MSDS.

CHEMICAL NAME	CAS NUMBER	LIST
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FORMALDEHYDE	000050-00-0	PA2 PA1
SODIUM SULFATE (SOLUTION)	007757-82-6	PA1 PA3

PA1=PENNSYLVANIA HAZARDOUS SUBSTANCE (PRESENT AT GREATER THAN OR EQUAL TO 1.0%).  
PA2=PENNSYLVANIA SPECIAL HAZARDOUS SUBSTANCE (PRESENT AT GREATER THAN OR EQUAL TO 0.01%).  
PA3=PENNSYLVANIA ENVIRONMENTAL HAZARDOUS SUBSTANCE (PRESENT AT GREATER THAN OR EQUAL TO 1.0%).

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OSHA HAZARD COMMUNICATION STANDARD:

THIS PRODUCT IS NOT A "HAZARDOUS CHEMICAL" AS DEFINED BY THE OSHA  
HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200.

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CANADIAN REGULATIONS  
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WHMIS INFORMATION: THE CANADIAN WORKPLACE HAZARDOUS MATERIALS  
INFORMATION SYSTEM (WHMIS) CLASSIFICATION FOR THIS PRODUCT IS:

THIS PRODUCT IS NOT A "CONTROLLED PRODUCT" UNDER WHMIS.

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CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA):

ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

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16. OTHER INFORMATION

HAZARD RATING SYSTEMS:

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

HEALTH	1
FLAMMABILITY	2
REACTIVITY	1

**NOTICE**

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Do not use ingredient information and/or ingredient percentages in this MSDS as a product specification. For product specification information refer to a Product Specification Sheet and/or a Certificate of Analysis. These can be obtained from your local WonderPaint Sales Office.

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