

POOLSPORT INC.  
P.O. BOX 1430, STN B  
WESTON; ONTARIO; M9L 2W9  
CANADA

**PRODUCT: NU-BLU CLARIFYINF TABLETS (20 G. TABLET)**

**CODE: PSP0022**

**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER/SUPPLIER..... MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE, ONTARIO  
CANADA  
L4L 8P3  
PREPARED BY..... REGULATORY AFFAIRS  
PREPARATION DATE..... Apr15/14  
PRODUCT NAME..... NU-BLU CLARIFYINF TABLETS (20 G. TABLET)  
PRODUCT CODE..... PSP0022  
CHEMICAL NAME..... NU-BLU CLARIFYING TABLETS (20 G. TABLET).  
CHEMICAL FORMULA..... N.AV.  
MOLECULAR WEIGHT..... N.AV.  
MATERIAL USE..... N.AV.  
EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

**Section 02: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:  
SKIN CONTACT..... DUST AND CONCENTRATED SOLUTIONS CAN CAUSE IRRITATION, ESPECIALLY OF OPEN CUTS.  
SKIN ABSORPTION..... N.AV.  
EYE CONTACT..... DUST CAN CAUSE IRRITATION AND INFLAMMATION OF THE EYES. CONCENTRATED SOLUTIONS MAY CAUSE SEVERE EYE DAMAGE.  
INHALATION..... DUST FORMS SULPHURIC ACID IN CONTACT WITH MOISTURE IN AIR OR IN TISSUES; CAN CAUSE SORE THROAT, COUGHING AND IRRITATION OF NOSE AND THROAT. HIGH CONCENTRATIONS MAY CAUSE CONGESTION AND CONSTRICTION OF AIRWAYS.  
INGESTION..... MAY CAUSE ABDOMINAL PAIN, NAUSEA, AND VOMITING. CONCENTRATED SOLUTIONS (OVER 20%) CAN CAUSE BURNS OF THE MOUTH, BLEEDING STOMACH, INCOORDINATION, MUSCLE SPASMS AND KIDNEY INJURY.  
EFFECTS OF ACUTE EXPOSURE..... SEE ABOVE.  
EFFECTS OF CHRONIC EXPOSURE..... PROLONGED EXPOSURE CAN CAUSE IRRITATION AND NUMBING OF THE FINGERS. REPEATED INGESTION MAY CAUSE PHOSPHATE DEFICIENCY, WHICH CAN WEAKEN BONES. INGESTED MATERIAL IS NOT EASILY ABSORBED. IT REACTS WITH PHOSPHATE, FORMING AN INSOLUBLE COMPOUND WHICH IS READILY PASSED OUT OF THE BODY. INHALED DUST MAY ACCUMULATE IN THE LUNGS UNTIL SLOWLY CLEARED.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE N.AV.

**Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
ALUMINIUM SULPHATE	60-100	2 MG/M3 AS ALUMINUM	10043-01-3	1930 MG/KG (ORAL, RAT)	N.AV.

**Section 04: FIRST AID MEASURES**

EYE CONTACT..... IMMEDIATELY FLUSH THE CONTAMINATED EYES WITH LUKEWARM, GENTLY FLOWING WATER FOR 20 MINUTES, HOLDING THE EYELIDS OPEN. TAKE CARE NOT TO RINSE CONTAMINATED WATER INTO THE NON-AFFECTED EYE. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION IMMEDIATELY.  
SKIN CONTACT..... FLUSH CONTAMINATED AREA WITH LUKEWARM, GENTLY RUNNING WATER FOR AT LEAST 20 MINUTES. UNDER RUNNING WATER, REMOVE CONTAMINATED CLOTHING, SHOES AND LEATHER GOODS. IF IRRITATION PERSISTS, OBTAIN MEDICAL ATTENTION IMMEDIATELY.  
INHALATION..... IF SYMPTOMS ARE EXPERIENCED, REMOVE SOURCE OF CONTAMINATION OR MOVE VICTIM TO FRESH AIR. OBTAIN MEDICAL ADVICE IMMEDIATELY.  
INGESTION..... NEVER GIVE ANYTHING BBY MOUTH IF VICTIM IS RAPIDLY LOSING CONSCIOUSNESS, OR IS UNCONSCIOUS OR CONVULSING. HAVE VICTIM RINSE MOUTH THOROUGHLY WITH WATER. DO NOT INDUCE VOMITING. IF BREATHING HAS STOPPED, TRAINED PERSONNEL SHOULD BEGIN ARTIFICIAL RESPIRATION. IF THE HEART HAS STOPPED BEGIN CPR IMMEDIATELY.  
NOTES TO PHYSICIAN..... TREAT SYMPTOMATICALLY BASED ON JUDGEMENT OF DOCTOR AND INDIVIDUAL REACTIONS OF PATIENT.

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**Section 05: FIRE FIGHTING MEASURES**

FLAMMABILITY..... NON FLAMMABLE.  
 EXTINGUISHING MEDIA..... USE EXTINGUISHING MEDIA SUITABLE FOR SURROUNDING FIRE.  
 FIRE FIGHTING PROCEDURES..... FIRE-FIGHTERS SHOULD WEAR FULL PROTECTIVE CLOTHING INCLUDING SELF-CONTAINED BREATHING APPARATUS. USE EQUIPMENT/MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

FLASH POINT (C), METHOD..... N.AP.  
 AUTO IGNITION TEMPERATURE..... N.AV.  
 UPPER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
 LOWER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
 SENSITIVITY TO STATIC DISCHARGE..... N.AV.  
 SENSITIVITY TO IMPACT..... N.AV.  
 HAZARDOUS COMBUSTION PRODUCTS.. FORMS ALUMINIUM OXIDE AND SULPHUR TRIOXIDE AT TEMPERATURES ABOVE 650 DEG C.  
 UNUSUAL FIRE AND EXPLOSION ..... N.AV.  
 HAZARDS

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... WEAR SUITABLE PROTECTIVE CLOTHING. AVOID DUST FORMATION. CAREFULLY VACUUM OR SWEEP UP SPILL AND PLACE IN SUITABLE CONTAINERS FOR REUSE OR DISPOSAL.

**Section 07: HANDLING AND STORAGE**

HANDLING PROCEDURES AND ..... AVOID DUST FORMATION.  
 EQUIPMENT  
 STORAGE NEEDS..... STORE IN A COOL DRY PLACE AWAY FROM STRUCTURAL STEEL. KEEP CONTAINERS TIGHTLY CLOSED.

**Section 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

GLOVES/ TYPE..... WEAR PROTECTIVE GLOVES.  
 RESPIRATORY/TYPE..... USE A DUST MASK OR RESPIRATOR WITH DUST CARTRIDGE.  
 EYE/TYPE..... USE SAFETY GLASSES WITH SIDE SHIELDS.  
 FOOTWEAR/TYPE..... WEAR SUITABLE PROTECTIVE FOOTWEAR.  
 CLOTHING/TYPE..... WEAR SUITABLE PROTECTIVE CLOTHING.  
 OTHER/TYPE..... EYEWASH STATION AND SAFETY SHOWER IN WORK AREA.  
 GENERAL HYGIENE CONSIDERATIONS... WASH HANDS AND FACE THOROUGHLY AFTER HANDLING AND BEFORE WORK BREAKS, EATING, DRINKING, SMOKING AND USING TOILET FACILITIES.  
 ENGINEERING CONTROLS..... USE GENERAL OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... WHITE LUSTROUS CRYSTALS, GRANULES OR POWDER.  
 ODOUR..... N.AV.  
 ODOUR THRESHOLD..... N.AV.  
 VAPOUR PRESSURE (MMHG)..... N.AP.  
 VAPOUR DENSITY (AIR=1)..... N.AP.  
 EVAPORATION RATE..... N.AP.  
 BOILING POINT..... N.AP.  
 MELTING POINT (C)..... 86.  
 PH..... 3.1 (1% IN H2O).  
 SPECIFIC GRAVITY (WATER=1)..... 1.7.  
 SOLUBILITY IN WATER (% W/W)..... 280 G/L (25 DEG C).  
 COEFFICIENT OF WATER/OIL DIST..... N.AV.

**Section 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:..... STABLE UNDER RECOMMENDED HANDLING AND STORAGE CONDITIONS.  
 CONDITIONS TO AVOID..... CONTACT WITH INCOMPATIBLES.  
 MATERIALS TO AVOID..... TRONG BASES. STRONG OXIDIZING AGENTS. ALKALIS. WATER-REACTIVE MATERIALS SUCH AS OLEUM CAUSE EXOTHERMIC REACTIONS.

REACTIVITY CONDITIONS:..... CONTACT WITH INCOMPATIBLES.  
 HAZARDOUS PRODUCTS OF ..... SEE HAZARDOUS COMBUSTION PRODUCTS.  
 DECOMPOSITION  
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

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**Section 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 03.  
 LC 50 OF MATERIAL, SPECIES & ROUTE.. SEE SECTION 03.  
 LD 50 OF MATERIAL, SPECIES & ROUTE.. SEE SECTION 03.  
 CARCINOGENICITY OF MATERIAL..... IARC: NOT LISTED.  
 REPRODUCTIVE EFFECTS..... N.AV.  
 IRRITANCY OF MATERIAL..... SEE SECTION 02.  
 SENSITIZING CAPABILITY OF MATERIAL. N.AV.  
 SYNERGISTIC MATERIALS..... N.AV.  
 MUTAGENICITY..... N.AV.  
 TERATOGENICITY..... N.AV.

**Section 12: ECOLOGICAL CONSIDERATIONS**

ECOLOGICAL INFORMATION..... N.AV.

**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

**Section 14: TRANSPORT INFORMATION**

TDG CLASSIFICATION..... 9.  
 UN NUMBER..... 3077.  
 PACKING GROUP..... III.  
 PROPER SHIPPING NAME..... ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (ALUMINUM SULPHATE).  
 SPECIAL SHIPPING INSTRUCTIONS..... ONLY REGULATED FOR TDG UNDER CLASS 9 IF INTENDED FOR DISPOSAL.

**Section 15: REGULATORY INFORMATION**

CPR COMPLIANCE..... THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.  
 WHMIS CLASSIFICATION..... D2B.

**Section 16: OTHER INFORMATION**

N.AP.=NOT APPLICABLE  
 N.AV.=NOT AVAILABLE  
 OTHER INFORMATION.....

THE DATA IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.