



MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE, ONTARIO, CANADA, L4L 8P3  
(905)-850-8444

**PRODUCT: POLISH PLUS**

**CODE: MUR0043**

### SECTION 01: IDENTIFICATION

PRODUCT CODE..... MUR0043  
 PRODUCT IDENTIFIER..... POLISH PLUS  
 OTHER MEANS OF IDENTIFICATION..... N.AV.  
 RECOMMENDED USE AND ..... FLOCCULANT.  
 RESTRICTIONS ON USE  
 SUPPLIER IDENTIFIER..... MURSATT CHEMICALS LIMITED  
 11 REGALCREST COURT  
 WOODBRIDGE, ONTARIO  
 CANADA  
 L4L 8P3  
 EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

### SECTION 02: HAZARD IDENTIFICATION

HAZARD CLASSIFICATION..... NOT HAZARDOUS.  
 SIGNAL WORD..... NOT HAZARDOUS.  
 HAZARD STATEMENT..... N.AP.  
 PRECAUTIONARY STATEMENT..... N.AP.  
 OTHER HAZARDS..... NONE.

### SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	WT. %
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NO REGULATED COMPONENTS

### SECTION 04: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:  
 EYE CONTACT..... RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES.  
 SKIN CONTACT..... WASH OFF IMMEDIATELY WITH SOAP AND PLENTY OF WATER.  
 INHALATION..... MOVE TO FRESH AIR. NO HAZARDS WICH REQUIRE SPECIAL FIRST AID MEASURES.  
 INGESTION..... CONTACT PHYSICIAN IF A LARGE QUANTITY OF THE PRODUCT HAS BEEN CONSUMED.  
 MOST IMPORTANT SYMPTOMS AND ..... SEE SECTION 11.  
 EFFECTS, ACUTE OR DELAYED:  
 INDICATION OF ANY IMMEDIATE MEDICAL SHOW THIS SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE.  
 ATTENTION AND SPECIAL TREATMENT NEEDED

### SECTION 05: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA..... WATER MIST, CARBON DIOXIDE (CO2), DRY CHEMICAL.  
 UNSUITABLE EXTINGUISHING MEDIA..... N.AV.  
 SPECIAL HAZARDS ARISING FROM THE PRODUCT: BURNING MAY PRODUCE TOXIC AND IRRITANT GASES.  
 HAZARDOUS COMBUSTION PRODUCTS: SEE SPECIAL HAZARDS ARISING FROM THE PRODUCT ABOVE.  
 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: AS IN ANY FIRE, WEAR A SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT), AND FULL PROTECTIVE GEAR. IN THE EVENT OF FIRE, COOL TANKS WITH WATER SPRAY.

### SECTION 06: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS..... FOR PERSONAL PROTECTION SEE SECTION 8. USE RUBBER BOOTS.  
 ENVIRONMENTAL PRECAUTIONS..... CONTAMINATED SURFACES WILL BE EXTREMELY SLIPPERY.  
 METHODS AND MATERIALS FOR ..... SHOULD NOT BE RELEASED INTO THE ENVIRONMENT.  
 CONTAINMENT AND CLEANING UP SOAK UP WITH INERT ABSORBENT MATERIAL. SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL. REMOVE RESIDUES BY SCRUBBING.

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**SECTION 07: HANDLING AND STORAGE**

PRECAUTIONS FOR SAFE HANDLING:..... HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.  
 CONDITIONS FOR SAFE STORAGE, ..... STORE AT ROOM TEMPERATURE. AWAY FROM INCOMPATIBLE MATERIALS.  
 INCLUDING ANY INCOMPATIBILITIES:

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

INGREDIENTS	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	

APPROPRIATE ENGINEERING CONTROLS PROVIDE GENERAL AND/OR LOCAL EXHAUST VENTILATION.

INDIVIDUAL PROTECTION MEASURE  
 SUCH AS PERSONAL PROTECTIVE  
 EQUIPMENTS:

HAND PROTECTION..... IMPERVIOUS GLOVES.  
 RESPIRATORY PROTECTION..... USE RESPIRATORY PROTECTION IF NECESSARY. USE NIOSH APPROVED  
 RESPIRATORY PROTECTION.  
 EYE PROTECTION..... SAFETY GLASSES WITH SIDE SHIELDS.  
 PROTECTIVE CLOTHING..... PROTECTIVE CLOTHING.  
 PROTECTIVE FOOTWEAR..... PROTECTIVE BOOTS.  
 OTHER..... ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE  
 WORKSTATION LOCATION.  
 HYGIENIC PRACTICES..... HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY  
 PRACTICE. AVOID CONTACT WITH SKIN AND EYES. WASH HANDS AND FACE  
 BEFORE BREAKS AND IMMEDIATELY AFTER HANDLING THE PRODUCT. .

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... LIQUID.  
 COLOR..... COLOURLESS OR AMBER.  
 ODOUR..... AMINE.  
 ODOUR THRESHOLD..... N.AV.  
 PH..... N.AV.  
 FREEZING/MELTING POINT..... N.AV.  
 BOILING POINT..... ~100 C.  
 FLASH POINT (C), METHOD..... N.AP.  
 EVAPORATION RATE..... N.AV.  
 FLAMMABILITY (SOLIDS AND GASES)..... N.AV.  
 UPPER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
 LOWER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
 VAPOUR PRESSURE (MMHG)..... N.AV.  
 VAPOUR DENSITY (AIR=1)..... N.AV.  
 RELATIVE DENSITY..... 1.05.  
 SOLUBILITY IN WATER (% W/W)..... SOLUBLE.  
 COEFFICIENT OF WATER/OIL DIST..... N.AV.  
 AUTO IGNITION TEMPERATURE..... N.AV.  
 DECOMPOSITION TEMPERATURE..... N.AV.  
 VISCOSITY..... N.AV.

**SECTION 10: STABILITY AND REACTIVITY**

REACTIVITY:..... HAZARDOUS POLYMERISATION WILL NOT OCCUR.  
 CHEMICAL STABILITY:..... STABLE UNDER NORMAL CONDITIONS OF HANDLING AND STORAGE.  
 POSSIBILITY OF HAZARDOUS ..... STABLE UNDER NORMAL CONDITIONS.  
 REACTIONS:  
 CONDITIONS TO AVOID..... CONTACT WITH INCOMPATIBLES.  
 INCOMPATIBLE MATERIALS:..... STRONG OXIDIZING AGENTS, IRON, COPPER, ALUMINIUM, ACIDS.  
 HAZARDOUS PRODUCTS OF ..... CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, OXIDES OF NITROGEN,  
 DECOMPOSITION ..... HYDROGEN CHLORIDE, DIMETHYLAMINE.

**SECTION 11: TOXICOLOGICAL INFORMATION**

INGREDIENTS	LC50	LD50
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ACUTE TOXICITY..... THE ACUTE TOXICOLOGICAL RESULTS DISPLAYED MAY NOT BE THE RESULTS OF  
 ACTUAL TESTING OF THIS MATERIAL BUT BASED ON A SIMILAR TESTED  
 MATERIAL - LD50 (ORAL/RAT): > 4,670 MG/KG; LC50 (INHALATION, RAT - 4 H): > 20  
 MG/L; LD50 (DERMAL, RABBIT): > 10,000 MG/KG.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

## INFORMATION ON LIKELY ROUTES OF ENTRY:

SKIN CONTACT.....	MAY CAUSE SLIGHT IRRITATION.
SKIN ABSORPTION.....	N.AV.
EYE CONTACT.....	MAY CAUSE SLIGHT IRRITATION.
INHALATION.....	N.AV.
INGESTION.....	N.AV.
EFFECTS OF ACUTE EXPOSURE.....	SEE ABOVE.
EFFECTS OF CHRONIC EXPOSURE.....	NONE KNOWN.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

CARCINOGENICITY OF MATERIAL.....	N.AV.
TERATOGENICITY.....	N.AV.
MUTAGENICITY	
REPRODUCTIVE EFFECTS.....	N.AV.
SENSITIZING CAPABILITY OF MATERIAL	NOT SENSITIZING.
SYNERGISTIC MATERIALS.....	N.AV.

**SECTION 12: ECOLOGICAL CONSIDERATIONS**

ECOTOXICITY.....	N.AV.
PERSISTENCE AND DEGRADATION.....	N.AV.
BIOACCUMULATIVE POTENTIAL.....	N.AV.
MOBILITY IN SOIL.....	N.AV.
OTHER ADVERSE EFFECTS.....	N.AV.

**SECTION 13: DISPOSAL CONSIDERATIONS**

WASTE TREATMENT METHODS:..... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

**SECTION 14: TRANSPORT INFORMATION**

UN NUMBER.....	N.AP.
PROPER SHIPPING NAME.....	N.AP.
TDG CLASSIFICATION.....	NOT REGULATED.
PACKING GROUP.....	N.AP.
ENVIRONMENTAL HAZARDS ACCORDING TO THE INTERNATIONAL MARITIME DANGEROUS GOODS CODE AND THE UNITED NATIONS MODEL REGULATIONS:	
SPECIAL PRECAUTIONS IN CONNECTION WITH TRANSPORT OR CONVEYANCE EITHER WITHIN OR OUTSIDE THE PREMISES:	N.AV.

**SECTION 15: REGULATORY INFORMATION**

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC TO THE PRODUCT: N.AV.

**SECTION 16: OTHER INFORMATION**

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

PREPARED BY.....	REGULATORY AFFAIRS
PREPARATION DATE.....	APR 18/2017