

SAFETY DATA SHEET

PRODUCT: FLOURISH

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SECTION 01: PRODUCT AND COMPANY INFORMATION

MANUFACTURER/SUPPLIER LES INVESTISSEMENTS B.S.C. INC.
 MANUFACTURER'S/SUPPLIERS ADDRESS..... 109 IBER RD., UNIT #3, OTTAWA, ON K2S 0X5 613-744-8896
 PRODUCT NAME FLOURISH
 PRODUCT USE FLOOR CLEANER
 EMERGENCY PHONE NUMBER..... CANUTECH 613-996-6666

SECTION 02: HAZARDS IDENTIFICATION



ROUTE OF ENTRY:
 SKIN CONTACT CAUSES SKIN IRRITATION.
 SKIN ABSORPTION N.AV.
 EYE CONTACT SEVERE EYE IRRITATION.
 INHALATION..... MAY CAUSE NOSE, THROAT, AND LUNG IRRITATION. INHALATION OF VAPORS AND/OR AEROSOLS IN HIGH CONCENTRATION MAY CAUSE IRRITATION OF RESPIRATORY SYSTEM.
 INGESTION HARMFUL IF INGESTED.
 EFFECTS/SYMPTOMS OF ACUTE EXPOSURE REFER TO ROUTE OF ENTRY.
 EFFECTS/SYMPTOMS OF CHRONIC EXPOSURE REPEATED AND/OR PROLONGED EXPOSURE TO LOW CONCENTRATIONS OF VAPORS AND/OR AEROSOLS MAY CAUSE: SORE THROAT.
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE..... EYE DISEASE ASTHMA. SKIN DISORDERS AND ALLERGIES.

SECTION 03: COMPOSITION / INFORMATION ON INGREDIENTS HAZARDS IDENTIFICATION

HAZARDOUS INGREDIENTS	C.A.S. #	%	TLV	LD50	LC50
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	3 - 10	SEE SECTION 11	SEE SECTION 11	SEE SECTION 11
SORBITAN MONOCOCOATE, ETHOXYLATED	68154-33-6	1 - 5	N.AV.	>38900 MG/KG (ORAL, RAT) >25000 MG/KG (ORAL, MOUSE)	N.AV.

SECTION 04: FIRST AID MEASURES

SKIN CONTACT WASH OFF IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 20 MINUTES. IMMEDIATELY REMOVE CONTAMINATED CLOTHING, AND ANY EXTRANEIOUS CHEMICAL, IF POSSIBLE TO DO SO WITHOUT DELAY.
 EYE CONTACT..... RINSE IMMEDIATELY WITH PLENTY OF WATER ALSO UNDER THE EYELIDS FOR AT LEAST 20 MINUTES. REMOVE CONTACT LENSES.
 INHALATION..... IF BREATHING HAS STOPPED OR IS LABORED, GIVE ASSISTED RESPIRATIONS. SUPPLEMENTAL OXYGEN MAY BE INDICATED. IF THE HEART HAS STOPPED, TRAINED PERSONNEL SHOULD BEGIN CARDIOPULMONARY RESUSCITATION IMMEDIATELY. MOVE TO FRESH AIR.
 INGESTION NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IF A PERSON VOMITS WHEN LYING ON HIS BACK, PLACE HIM IN THE RECOVERY POSITION. PREVENT ASPIRATION OF VOMIT. TURN VICTIM'S HEAD TO THE SIDE.
 NOTES TO PHYSICIAN..... N.AV.

SECTION 05: FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY NON-FLAMMABLE.

MEANS OF EXTINCTION/EXTINGUISHING MEDIA: ..	ALCOHOL-RESISTANT FOAM. CARBON DIOXIDE (CO2). DRY CHEMICAL. DRY SAND. LIMESTONE POWDER.
FLASH POINT.....	N.AP.
UPPER FLAMMABLE LIMIT (% BY VOLUME).....	N.AV.
LOWER FLAMMABLE LIMIT (% BY VOLUME).....	N.AV.
AUTO-IGNITION TEMPERATURE.....	N.AV.
SPECIAL FIRE FIGHTING PROCEDURES.....	USE PERSONAL PROTECTIVE EQUIPMENT. WEAR SELF CONTAINED BREATHING APPARATUS FOR FIRE FIGHTING IF NECESSARY.
UNUSUAL FIRE AND EXPLOSION HAZARDS.....	INCOMPLETE COMBUSTION MAY FORM CARBON MONOXIDE. BURNING PRODUCES NOXIOUS AND TOXIC FUMES. DOWNWIND PERSONNEL MUST BE EVACUATED.
EXPLOSION DATA.....	N.AV.
SENSITIVITY TO MECHANICAL IMPACT.....	N.AV.
SENSITIVITY TO STATIC DISCHARGE.....	N.AV.
HAZARDOUS COMBUSTION PRODUCTS.....	SEE HAZARDOUS DECOMPOSITION PRODUCTS.

SECTION 06: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES.....	PERSONAL PRECAUTIONS: WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION. USE SELF-CONTAINED BREATHING APPARATUS AND CHEMICALLY PROTECTIVE CLOTHING. EVACUATE PERSONNEL TO SAFE AREAS. ENVIRONMENTAL PRECAUTIONS: CONSTRUCT A DIKE TO PREVENT SPREADING. METHODS FOR CLEANING UP: CONTACT AIR PRODUCTS' EMERGENCY RESPONSE CENTER FOR ADVICE. APPROACH SUSPECTED LEAK AREAS WITH CAUTION. PLACE IN APPROPRIATE CHEMICAL WASTE CONTAINER. ADDITIONAL ADVICE: OPEN ENCLOSED SPACES TO OUTSIDE ATMOSPHERE. IF POSSIBLE, STOP FLOW OF PRODUCT.
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SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT.....	EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE. ADHERE TO WORK PRACTICE RULES ESTABLISHED BY GOVERNMENT REGULATIONS. USE ONLY IN WELL-VENTILATED AREAS. AVOID CONTACT WITH EYES. AVOID BREATHING VAPORS AND/OR AEROSOLS. USE PERSONAL PROTECTIVE EQUIPMENT. WHEN USING, DO NOT EAT, DRINK OR SMOKE.
STORAGE REQUIREMENTS.....	KEEP AWAY FROM DIRECT SUNLIGHT. OVERHEATING OF AN ETHOXYLATE STORED UNDER AIR SHOULD BE AVOIDED. WHEN AN ETHOXYLATE IS VIGOROUSLY MIXED IN THE PRESENCE OF AIR OR OXYGEN AT TEMPERATURES >125 F (50 C), IT CAN DEGRADE PRODUCT QUALITY. STORAGE UNDER AN INERT ATMOSPHERE IS RECOMMENDED. KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE.

SECTION 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROL.....	PROVIDE NATURAL OR EXPLOSION-PROOF VENTILATION ADEQUATE TO ENSURE CONCENTRATIONS ARE KEPT BELOW EXPOSURE LIMITS.
PERSONAL PROTECTIVE EQUIPMENT: SKIN PROTECTION.....	NEOPRENE GLOVES. NITRILE RUBBER. POLYVINYL ALCOHOL GLOVES (PVA). IMPERVIOUS GLOVES. THE BREAKTHROUGH TIME OF THE SELECTED GLOVE(S) MUST BE GREATER THAN THE INTENDED USE PERIOD.
CLOTHING.....	LONG SLEEVE SHIRTS AND TROUSERS WITHOUT CUFFS.
EYE/FACE PROTECTION.....	CHEMICAL RESISTANT GOGGLES MUST BE WORN.
RESPIRATORY PROTECTION.....	WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE.
WORK/HYGIENE PRACTICES.....	EMERGENCY EYE WASH AND SAFETY SHOWERS MUST BE MADE AVAILABLE IN THE IMMEDIATE WORK AREA.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....	LIQUID
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APPEARANCE & ODOUR.....	BLUE COLOUR – LEMON SCENT
ODOUR THRESHOLD.....	N.AV.
SPECIFIC GRAVITY.....	N.AV.
VAPOUR PRESSURE (MMHG).....	N.AV.
VAPOUR DENSITY (AIR=1).....	N.AV.
EVAPORATION RATE.....	N.AV.
BOILING POINT.....	100°C
FREEZING/MELTING POINT.....	0°C
PH.....	7
SOLUBILITY IN WATER (% W/W).....	SOLUBLE.
COEFFICIENT OF WATER/OIL DISTRIBUTION.....	N.AV.

SECTION 10: STABILITY AND REACTIVITY

STABILITY.....	STABLE UNDER NORMAL OPERATING CONDITIONS.
CONDITIONS TO AVOID.....	CONTACT WITH INCOMPATIBLE MATERIALS.
INCOMPATIBILITY (MATERIALS TO AVOID).....	REACTIVE METALS (E.G. SODIUM, CALCIUM, ZINC ETC.). MATERIALS REACTIVE WITH HYDROXYL COMPOUNDS. COPPER ALLOYS STRONG ACIDS. OXIDIZING AGENTS. STRONG OXIDIZING AGENTS, ACIDS OR BASES.
HAZARDOUS DECOMPOSITION PRODUCT.....	CARBON MONOXIDE. CARBON DIOXIDE (CO2). ALDEHYDES.
HAZARDOUS POLYMERIZATION.....	FLAMMABLE HYDROCARBON FRAGMENTS. WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS.....	N.AV.
LD50.....	ALCOHOLS, C9-11, ETHOXYLATED: > 2,000 MG/KG (ORAL, RAT). 3,300 MG/KG (DERMAL, RAT).
LC50.....	N.AV.
IRRITANCY OF MATERIAL.....	SEE SECTION 2.
SENSITIZATION TO PRODUCT.....	N.AV.
CARCINOGENICITY.....	THIS PRODUCT CONTAINS NO LISTED CARCINOGENS ACCORDING TO IARC, ACGIH, NTP AND/OR OSHA IN CONCENTRATIONS OF 0.1 PERCENT OR GREATER.
REPRODUCTIVE TOXICITY.....	N.AV.
TERATOGENICITY.....	N.AV.
MUTAGENICITY.....	N.AV.
TOXICOLOGICAL SYNERGISTIC PRODUCTS.....	N.AV.
CHRONIC TOXICITY.....	SEE SECTION 2.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION	N.AV.
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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....	IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL REGULATIONS.
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SECTION 14: TRANSPORT INFORMATION

PROPER SHIPPING NAME.....	N.AP.
TDG CLASSIFICATION.....	NOT REGULATED.
UN NUMBER.....	N.AP.
PACKGING GROUP.....	N.AP.

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION

PREPARED BY: REGULATORY AFFAIRS, TELEPHONE - (613)-744-8896
PREPARATION DATE: JULY 1, 2016

N.A.V. = NOT AVAILABLE
N.A.P. = NOT APPLICABLE