



MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME : **IMPEK**

PRODUCT USE : Fast action cleaner. All purpose detergent, degreaser

WHMIS CLASS : D2B, E

TDG CLASSIFICATION : Class 8

PIN NUMBER: UN 1760

TDG SHIPPING NAME : Corrosive liquids n.o.s.

EMERGENCY PHONE : CANUTEC (613) 996-6666

WISH

Health : 2

Flammability : 0

Reactivity : 1

Personal Protection : B

II. HAZARDOUS INGREDIENTS

INGREDIENTS	CAS #	Wt %	TLV	LC ₅₀	LD ₅₀
2-Butoxyethanol	111-76-2	5-10		450ppm/4h (rat)	1.2 g/Kg (oral, mouse)
Alkylphenol ethoxylate :	9016-45-9	1-5			1.3 g/Kg (oral, rat)
Sodium metasilicate	6834-92-0	1-5			1.15 g/Kg (oral, rat)

III. PHYSICAL DATA

BOILING POINT (°C) :	100	SPÉCIFIC GRAVITY : (H ₂ O = 1)	1040, 24°C
VAPOUR PRESSURE (mm Hg) :	n.a.	% VOLATILE (Wt %) :	91
VAPOUR DENSITY (AIR=1) :	n.a.	ÉVAPORATION RATE (WATER = 1)	= 1
SOLUBILITY IN WATER :	Complete	pH (AS SUPPLIED) :	13.0
PHYSICAL STATE :	Liquid	VISCOSITY:	<15 CPS à 22°C
APPEARANCE AND ODOUR :	Transparent colourless to amber liquid, perfume and solvent odour.	ODOUR THRESHOLD (PPM) :	n.a.

IV. FIRE AND EXPLOSION DATA

FLAMMABILITY :	Non-flammable, non-combustible				
FLASH POINT (TCC, °C) :	> 95	LEL:	n.a.	UEL :	n.a.
HAZARDOUS COMBUTION PRODUCTS:	Smoke, carbon oxides, nitrogen oxides, sulfur oxides.				
AUTOIGNITION TEMPERATURE (°C) :	n.a.				
MEANS OF EXTINCTION :	Water, foam, dry chemicals, carbon dioxide				
SPECIAL FIRE HAZARDS :	A Powerful stream of water directly shot into the product generates a lot of foam.				

V. REACTIVITY DATA

CONDITIONS FOR CHEMICAL INSTABILITY :	This product is stable under normal conditions. It does not polymerize.
INCOMPATIBLE MATERIALS:	Strong acids
REACTIVITY, AND UNDER WHAT CONDITIONS:	May evolve heat in presence of strong concentrated acids.
HAZARDOUS DECOMPOSITION PRODUCTS :	Carbon oxides, nitrogen oxides, sulfur oxides if the product burns.

VI. TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY :	Eyes, skin, ingestion, inhalation
EFFECTS OF ACUTE EXPOSURE :	
EYE :	Severe eye irritation, possibility of corneal ulceration.
SKIN :	Irritation with redness and skin dryness.
INGESTION :	Irritation to the mouth and gastrointestinal tract, pain, vomiting, diarrhea.
INHALATION :	Can cause nausea, headache
EFFECTS OF CHRONIC :EXPOSURE :	
IRRITANCY:	Frequent or prolonged contact may produce irritation and dry skin..
SKIN SENSITIZATION :	Non sensitizing
CARCINOGENITY :	n.a.
TÉRATOGENICITY, REPRODUCTIVE EFFECTS:	Not probable
MUTAGENICITY:	Not probable
SYNERGISTIC MATERIALS :	n.a.

VII. PREVENTATIVE MEASURES

GLOVES:	Plastic or rubber gloves.
EYE PROTECTION :	Safety glasses with side shields.
RESPIRATORY PROTECTION :	Not required if adequate ventilation is available.
OTHER ÉQUIPMENT :	Waterproof boots if large spill.
ENGINEERING CONTROLS :	Eye wash station if large quantities are manipulate. Provide adequate ventilation.
LEAK AND SPILL PROCEDURE:	Wear protective equipment. Stop the leak. Pump the product into drums for disposal or sponge with absorbent materials. Resume cleaning by rinsing with water.
WASTE DISPOSAL :	Burn into incinerator or landfill according to existing federal, provincial and municipal regulations.
STORAGE REQUIREMENTS :	Keep in original tightly closed containers, in a well ventilated room.

VIII. FIRST AID

EYE :	Do not rub one's eyes. Rinse with plenty of water for several minutes, keeping eyelids open. Seek medical attention.
SKIN :	Rinse with water. Remove spoiled clothes and wash before wearing.
INHALATION :	Bring the person to fresh air.
INGESTION :	Quickly give plenty of water or other liquids. Never induce vomiting. Seek medical attention.

IX. PREPARATION INFORMATION

PRÉPARED BY:	Laboratoire Hygienex inc.
DATE :	June 10, 2004
PHONE NUMBER :	1-800-681-2332

Disclaimer :

Information for this material safety data sheet was obtained from source considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. NO warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or in reliance on any information contained in this form. If user requires independant information on ingredients in this or any other material, we may recommended contact with the Canadian Center for Occupational health and safety in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal (514-873-3990).