SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION

Brand Name: **Ipro Fabric & Surface Protector**

	HMIS	NFPA
HEALTH	0	0
FLAMMABILITY	0	0
PHYSICAL HAZARDS	0	0
HMIS PPE	B	

MANUFACTURE
Ipro Pathogen Protection Ltd.
135 Woolacott Road
Woodbridge, ON
L4L 8J3

D.I.N #: 002245600

Chemical Name: Formulation
Formula Name: Mixture
Molecular Weight: N/A

EMERGENCY TELEPHONE NUMBER
Chem Trec 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS #	%
Benzalkonium Chloride	8001-54-5	0.125
Sodium Hypochlorite	70681-52-9	0.100

(Note: See Section 8 of this SDS for Exposure Guidelines)

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Light solution with a zero odour.

Ingestion may cause gastrointestinal discomfort including irritation, nausea and diarrhea.

This product is not combustible.
Use extinguishing media suitable for the materials that are burning.

POTENTIAL HEALTH EFFECTS

PRIMARY ROUTE(S) OF ENTRY
Eye contact; Skin Contact; Inhalation, Ingestion

SYMPTOMS OF EXPOSURE

Eye contact:	Direct contact can cause pain and irritation.
Skin contact:	Short periods of contact through regular use are not usually associated with skin irritation.
Inhalation:	Direct contact or exposure to high concentration of mists or vapors may cause irritation.
Ingestion:	Direct contact or exposure may cause irritation. Ingestion of large amounts may cause gastrointestinal discomfort including irritation, nausea and diarrhea.
Chronic Effects:	No adverse effects are expected.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE None known

REPORTED AS CARCINOGEN OR POTENTIAL CARCINOGEN [X]
Not Applicable [ ] OSHA
[ ] National Toxicology Program (NTP) [ ] International Agency for Research on Cancer (IARC)

4. FIRST AID MEASURES

EYE CONTACT
Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists.
SKIN CONTACT
Stop use and ask a doctor if irritation or redness develops, or if condition persists for more than 72 hours.
INHALATION
Remove from area to fresh air. Seek medical attention if respiratory irritation develops or if breathing becomes difficult.
INGESTION
Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

5. FIRE FIGHTING MEASURES

Flash Point and Method: > 200°F (PMCC)

GENERAL HAZARD
This product is not combustible.
EXTINGUISHING MEDIA
Use media suitable for the material that is burning.
SPECIAL FIRE FIGHTING INSTRUCTIONS
Move containers from area if it can be done without risk. Cool fire-exposed containers with water from side. FIRE FIGHTING EQUIPMENT
As in any fire, wear NIOSH/MSHA approved, pressure-demand self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Spill area will be slippery. Wear appropriate protective equipment (See Section B).

Absorb spills with vermiculite, fuller's earth, or sand. Shovel up and place in a non-metal waste container for disposal. Dike larger spills with soil or sandbags to contain it and prevent its spread.

Prevent liquid from entering sewers or waterways.

7. HANDLING AND STORAGE

HANDLING
Wear appropriate protective equipment (See Section 8).
STORAGE
Keep container tightly closed. Keep away from heat and sunlight. Storage temperature range: 5-30ϟC. If material freezes, gently thaw prior to use. Mild agitation may be required.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS
In applications where the product will be exposed to elevated temperatures, use local ventilation to remove potential decomposition products.
PERSONAL PROTECTION FOR BULK HANDLING

Respirator:	In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.
Eye Protection:	Wear safety glasses with side shields or goggles.
Gloves:	Wear natural rubber gloves.
Clothing:	Normal working clothing is generally adequate.
Other:	Eye wash; safety shower.

EXPOSURE LIMITS
No limits established for this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

State……Liquid solution
Viscosity……Low viscosity
Color……... Light Blue
Odor……None
Melting Point ϟC……NA Freezing
Point ϟC……ND Boiling Point
ϟC……..100ϟC Weight per
Gallon……8.3 lb/gal Specific Gravity
@ 20ϟC…….1.00±0.00
Water Solubility……...Soluble
pH…….6.5-7.0

10. STABILITY AND REACTIVITY

REACTIVITY Stable
INCOMPATIBILITIES
None known
HAZARDOUS DECOMPOSITION PRODUCTS
None known
CONDITIONS TO AVOID
None known

11. TOXICOLOGICAL INFORMATION

Eye Irritation……..Mild eye irritant; Toxicity Category III Skin
Irritation…….NA skin irritant; Toxicity Category IV Oral
LD50……..> 5,00 mg/kg; Toxicity Category IV Dermal
LD50…….> 2,00 mg/kg; Toxicity Category IV
Sensitization……...Not a sensitizer

Additional toxicity information provided below for the active ingredient.

GENOTOXICITY/MUTAGENICITY
For Benzalkonium chloride:
Arnes test (Salmonella sp.): Not mutagenic with or without metabolic activation.

12. ECOLOGICAL INFORMATION

EC50 (Bacterium toxicity)…….No data
LC50 (Daphnia)……..No data

BOD……No data
COD……No data

Heavy Metals……..No data

13. DISPOSAL CONSIDERATIONS

RCRA Waste Code: Not regulated under RCRA, 40 CFR 261

Products: Keep away from natural water sources. Observe all applicable federal, state, and local regulations.

Empty packaging: Remove all residue when emptying.

14. TRANSPORTATION INFORMATION

DOT Hazard Classification: Non-Hazardous, not regulated

15. REGULATORY INFORMATION
(Not meant to be all-inclusive, selected regulations represented)

OSHA HAZARD COMMUNICATIONS STANDARD (26 CFR 1910.1200)
[ ] Hazardous [X] Non-Hazardous

CERCLA/SUPERFUND (40 CFR 117, 302)
This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

SARA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355)
This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

SARA HAZARD CATEGORIES (40 CFR 370)
[ ] Acute [ ] Chronic [ ] Fire [ ] Pressure [ ] Reactive [X] None

SARA TOXIC SUBSTANCES (40 CFR 372)
This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

TOXIC SUBSTANCES CONTROL ACT
For FDA/COSMETIC Use Only.

STATE REGULATIONS
None Listed

16. OTHER INFORMATION

ABBREVIATIONS

C:	Ceiling Limit	N/A:	Not Applicable	N/D:	Not determined
N/E:	Not Established	N/K:	Not Known	RQ:	Reportable Quantity
TPQ:	Threshold Planning Quantity				

Date Prepared: 8 /22/2020 Prepared By: SDS Coordinator Revision Date: 6 /05/2020

Disclaimer: Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others, and believed to be reliable. It is subject to revision as additional knowledge and experience is gained. The buyer assumes all risks of the use and/or handling.