

# SAFETY DATA SHEET

D5 ?

## SECTION 01: IDENTIFICATION

**Product identifier** P5 ?  
**Other means of identification** N/AP  
**Recommended use** Dry Cleaning Charge Soap  
**Recommended restrictions** Reserved for industrial and professional use.  
**Manufacturer**  
**Company name** EXTOX Industries Inc. **Supplier's Name**  
**Address** 6419 Netherhart Rd., **Supplier's Address**  
Mississauga, ON L5T 1C3  
**Emergency Tel:** 1-800-501-8601

## SECTION 02: HAZARD(S) IDENTIFICATION

<b>Hazard Classification</b>	Acute Toxicity (Oral)	Category 4
	Skin Corrosion/Irritation	Category 2
	Serious eye damage	Category 2
	Specific target organ toxicity - single exposure	Category 3
	Flammable liquids	Category 4

### Label elements



**Signal Word** Warning

**Hazard Statement** H302 Harmful if swallowed.  
H315: Causes Skin Irritation.  
H319: Causes Serious Eye Irritation.  
H335 May cause respiratory irritation.  
H227: Combustible Liquid

**Precautionary Statement** Keep Away From Heat/sparks/open Flames/hot Surfaces. No Smoking  
Wash Hands Thoroughly After Handling.  
Do Not Get In Eyes, On Skin, Or On Clothing.  
If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing.  
If On Skin (or Hair): Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/shower.  
If In Eyes: Rinse Cautiously With Water For Several Minutes. Remove Contact Lenses If Present And Easy To Do - Continue Rinsing.  
If Swallowed: Rinse Mouth. Do Not Induce Vomiting.  
Immediately Call A Poison Center Or Doctor/physician.  
Wash Contaminated Clothing Before Reuse.  
Absorb Spillage To Prevent Material Damage.  
Keep Out Of Reach Of Children.

## SECTION 03: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Concentration %
Isoalkanes	68551-16-6	40-70
Dodecylbenzene Isopropylamine Sulfonate	2624-05-1	7-13
Alcohol Ether Phosphate Ester	68071-35-2	1-5
Alcohol Ethoxylate	9002-92-0	7-13

## SECTION 04: FIRST-AID MEASURES

**Inhalation** Remove to fresh air. Get medical attention if symptoms occur.

**Skin contact** Wash off immediately with plenty of water. Wash clothing before reuse. Seek medical attention if symptoms occur.

**Eye** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion** Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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**Most important symptoms/effects, acute and delayed** See Section 11 for more detailed information on health effects and symptoms.

## SECTION 05: FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards arising from the chemical** Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Vapour can travel considerable distance and flashback to a source of ignition. Vapours are heavier than air and collect in confined and low-lying areas.

**Special protective equipment and precautions for firefighters** Wear full protective equipment including a self-contained breathing apparatus.

## SECTION 06: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.

### Methods and materials for containment and cleaning up

Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Do not use combustible materials such as sawdust.

## SECTION 07: HANDLING AND STORAGE

**Precautions for safe handling** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Keep away from heat, sparks and flame.

**Conditions for safe storage** Store in a cool, dry, well-ventilated area. Keep container tightly closed.

## SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational exposure limits** Occupational exposure limits: Not available

**Appropriate Engineering Controls** Effective exhaust ventilation system.

**Personal Protective Equipment** Wear the following personal protective equipment: Standard glove type. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

**Gloves** Rubber, vinyl or neoprene

**Respiratory** Wear approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

**Eye** Wear eye protection/face protection.

**Clothing** Chemical resistant apron if contact is likely.

## SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

**Odour** Lemon odour

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Physical State	Liquid
Color	Amber
Odour Threshold	No data available.
pH	6.5 - 7.5
Freezing Point (°C)	No data available.
Initial Boiling Point (°C)	>100°C
Flashpoint (°C)	No data available.
Evaporation Rate	No data available.
Flammability	No data available.
Lower Explosive Limit	No data available.
Upper Explosive Limit	No data available.
Lower Flammability Limit	No data available.
Upper Flammability Limit	No data available.
Vapour Pressure (mm)	No data available.
Vapour Density (Air = 1)	No data available.
Relative Density	<1
Solubility	Dispersible
Partition coefficient (n-octanol/water)	No data available.

## SECTION 10: STABILITY AND REACTIVITY

Auto Ignition Temp. (°C)	No data available.
Decomposition Temperature	No data available.
Viscosity	No data available.
Reactivity	This material is considered to be non reactive under normal use conditions.
Chemical Stability	Stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerization will not occur.

Conditions to avoid	Heat, flames and sparks.
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	Smoke and carbon monoxide, carbon dioxide

## SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure  Skin Contact  Eye Contact  Ingestion  
 Skin Absorption  Inhalation

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## Toxicological Information

### Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

**EYES:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

**SKIN:** Brief contact may cause irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.

**INHALATION:** Irritant of the nose and throat, causing coughing, difficulty breathing, and pulmonary edema.

**INGESTION:** Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and diarrhea.

Chronic Exposure : Health injuries are not known or expected under normal use.

### Toxicity

Respiratory or skin sensitization : no data available

Carcinogenicity : no data available

Reproductive effects : no data available

Germ cell mutagenicity : no data available

Teratogenicity : no data available

## Numerical Measures Of Toxicity

Hazardous Ingredients	LD <sub>50</sub> /LC <sub>50</sub> Specify Species and Route
Alkanes	LD50 Dermal - Rabbit: 15400mg/kg LD50 Oral - Rat:34600 mg/kg
dodecylbenzene isopropylamine sulfonate	Oral LD50: 1300 mg/kg (rat)
Ethoxylated Alcohol	LD50 (Oral, Rat) 9060 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity** No data available.

**Persistence and degradability** No data available.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available

**Other adverse effects** No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Disposal methods** In accordance with municipal, provincial and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

**UN number** Not regulated under TDG.

**TDG Classification** N/AP

**Packing group** N/AP

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Special Shipping Instructions      None.

## SECTION 15: REGULATORY INFORMATION

**Regulatory Information**      This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required by the HPR.

## SECTION 16: OTHER INFORMATION

N/AP = Not Applicable  
N/AV = Not Available  
ACGIH : American Conference of Governmental Industrial Hygienists  
AIHA : American Industrial Hygiene Association  
CMRG : Chemical Manufacturer's Recommended Guidelines  
GHS: Globally Harmonized System  
HPR : Hazardous Products Regulations  
IARC: International Agency for Research on Cancer  
NIOSH: The National Institute for Occupational Safety and Health  
NTP : National Toxicology Program  
OSHA : United States Department of Labor - Occupational Safety and Health Administration  
PEL: Permissible Exposure Limit  
STEL: Short Term Exposure Limit  
TLV: Threshold Limit Value  
TWA: Time-Weighted-Average

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