GAP PROFESSIONAL PRODUCTS

Safety Data Sheet
X-Tractor Soap

SECTION 1: Identification

1.1 Product identifier

Product name	X-Tractor Soap
Product number	5548

1.3 Recommended use of the chemical and restrictions on use

Fabric and upholstery cleaner

1.4 Supplier's details

Name	GAP Professional Products
Address	122 Route 105 Keswick Ridge, NB E6L 1B1 Canada
Telephone	(506) 363-9708
Fax	(506) 363-4241
email	info@gapauto.com

1.5 Emergency phone number(s)

For Medical or Transport Emergencies/
Pour les urgences médicales ou de transport
CANUTEC (24 Hours/Heures)
(613) 996-6666

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (CA) WHMIS 2015

- Eye damage/irritation, Cat. 2A
- Skin corrosion/irritation, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram

1. Exclamation mark

Signal word **Warning**

Hazard statement(s)

H315	Causes skin irritation
H319	Causes serious eye irritation

Precautionary statement(s)

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Sodium hydroxide (CAS no.: 1310-73-2; EC no.: 215-185-5; Index no.: 011-002-00-6)	**1 - 2 % (weight)**
CLASSIFICATIONS: Skin corrosion/irritation, Cat. 1A. HAZARDS: H314 - Causes severe skin burns and eye damage.	

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Rinse with plenty of water.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
If swallowed	Immediately drink 2 glasses of water and induce vomiting by either giving IPECAC syrup or by placing fingers at the back of throat. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Not considered a fire hazard.

5.2 Specific hazards arising from the chemical
No specific fire or explosion hazard.

5.3 Special protective actions for fire-fighters
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
See Secrtion 8 for recommended personel protective equipment.

6.3 Methods and materials for containment and cleaning up
LARGE SPILLS: Dike far ahead of spill to prevent further movement. Recover by pumping or by using a suitable absorbent.
SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Wash site of spillage thoroughly with water. Dispose in suitable waste container.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Put on appropriate personal equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities
Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials(see Section 10) and food and drink. Do not store under freezing conditions or above 49 C (120 F). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Keep out of reach from children.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Sodium hydroxide (CAS: 1310-73-2)
PEL (Inhalation): 2 mg/m3; USA (OSHA)
OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): (C) 2 mg/m3; USA (Cal/OSHA)
OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): (C) 2 mg/m3; USA (NIOSH)
OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): (C) 2 mg/m3; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

8.2 Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection
Not mandatory but recommended. Always use caution when handling any chemical.

Skin protection
Not mandatory but recommended. Always use caution when handling any chemical.

Respiratory protection
None needed.

Environmental exposure controls
None known

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Blue Liquid
Odor	Fresh scent
Odor threshold	
pH	8-10
Melting point/freezing point	0C / 33F
Initial boiling point and boiling range	>212
Flash point	N/D
Evaporation rate	1 (water = 1)
Flammability (solid, gas)	
Upper/lower flammability limits	N/D
Vapor pressure	N/D
Vapor density	N/D
Relative density	N/A
Solubility(ies)	
Partition coefficient: n-octanol/water	
Auto-ignition temperature	N/D
Decomposition temperature	
Viscosity	N/D
Explosive properties	N/A
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity
None under normal use conditions.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Will not occur.

10.5 Incompatible materials

Sodium hydroxide : Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as AlO2(-), ZnO2(-2), SNO2(-2), and H2 (or H2O with oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

10.6 Hazardous decomposition products
Sodium hydroxide : Sodium oxides

SECTION 11: Toxicological information

Information on toxicological effects

Skin corrosion/irritation
Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Serious eye damage/irritation
Can cause severe irritation, redness, tearing, blurred vision.

Respiratory or skin sensitization
Breathing of dust or mist can cause mild to severe irritation of nasal or respiratory passage.

Germ cell mutagenicity
Sodium hydroxide solid or pellets
LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h
Citation: Sigma SDS

Sodium hydroxide solid or pellets
LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h
Citation: Sigma SDS

Sodium hydroxide solid or pellets
EC50 - Daphnia magna (water flea) - 40.38 mg/l - 48 h
Citation: Sigma SDS

Sodium hydroxide solid or pellets
LC50 - Poecilia reticulata (guppy) - 196 mg/l - 96 h
Citation: Ecotox, 63143 Adema,D.M.M., 1985

Carcinogenicity
Carcinogenicity: Ingredients not listed by OSHA, NTP, IARC.

STOT-single exposure
No data available

STOT-repeated exposure
No data available

SECTION 12: Ecological information

Toxicity
Sodium hydroxide solid or pellets

LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h
Citation: Sigma SDS

Sodium hydroxide solid or pellets
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SECTION 13: Disposal considerations

Disposal of the product
Dispose of accordance in local, and provincial regulations for biodegradable detergents.

SECTION 14: Transport information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

CANADA
WHMIS (Canada): This product has been classified according to the hazard criteria of the HPR and the SDS contains all information required by the HPR.

SECTION 16: Other information

16.1 Further information/disclaimer
These SDS are written in an effort to provide information to the worker in the workplace and in such a way it can be understood. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

16.2 Preparation information
Prepared by: C. Gourley