



<< N/E = Not established N/AP = Not Applicable N/AV = Not Available C.O.C = Cleveland Open Cup>>

SECTION I: MATERIAL IDENTIFICATION AND USE

Material Name / Identifier: ATTAX LIGHT DUTY SURFACE CLEANER
Product Codes: 17-0401, 17-0105, 17-0045, 17-0001
Material Intended Use: Multi-Purpose Industrial Cleaning Concentrate
Chemical Family: Proprietary complex mixture/ preparation
CAS number: N/Ap
Manufacturer's Name: WORX Environmental Products
Address: Unit 10, 2305-52nd Avenue SE
City & Province: Calgary, AB T2C 4X7
Emergency Telephone: 1-800-424-9679 or 403-273-7600
Email of the competent person responsible for the Safety Data Sheet: worxrd@worx.ca

SECTION II: HAZARDS IDENTIFICATION**2.1 Classification of the mixture**

Eye damage/irritation (Category 2B)

2.2 Label elements**2.2.1 Label elements**

Hazard pictogram(s): No Symbol

Signal word(s): Warning

Hazard statement(s): Causes eye irritation

Precautionary Statement(s)

Prevention:

Store in a well-ventilated place. Keep cool.

Wash hands thoroughly after handling.

Wear protective gloves/protective clothing/ eye protection/face protection.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention

In case of fire: use water or dry foam for extinction.

2.3 Other hazards

No particular hazard known

SECTION III: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	% W/W	CAS No.
Alcohol ethoxylate	1-5%	68991-48-0

The specific chemical identity of this composition is being withheld as a trade secret.

**SECTION IV: FIRST AID MEASURES****4.1. Description of first aid measures**

- Eyes: Check for and remove any contact lenses. Do not rub eyes. Immediately flush with warm running water holding the eyelids apart, for 15 minutes. Call a physician if irritation develops.
- Skin: Wash affected skin with soap and water. See physician if irritation develops.
- Ingestion: No toxic effect is expected. Rinse mouths with water and drink 1 glass of water. Do not induce vomiting. Consult a physician.
- Inhalation: Immediately remove the affected victim to fresh air. If symptoms persist, obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed: May cause eye irritation

4.3 Indication of the immediate medical attention and special treatment needed Treat symptomatically.

SECTION V: FIRE AND EXPLOSION HAZARD DATA**5.1 Extinguishing media**

- Suitable Extinguishing Media: Water or dry foam
Unsuitable Extinguishing Media: Not applicable.

5.2 Specific hazards: Not applicable.

5.3 Precautions/Advice: Product is not combustible.

5.4 Flammability Classification: Not flammable.

SECTION VI: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel: Small spill: Use appropriate tools to wipe up the product. Rinse contaminated area with water. Large spill: Stop the leak if possible. Block release of the chemical from sewer or storm drains. Contain and clean up the spill. Observe all personal protection equipment recommendations.
- For emergency responders: Use personnel protection recommended in Section 8.

6.2 Environmental precautions: Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground

6.3 Methods and material for containment and cleaning up

- Do not release large quantities into the surface water or into drains. Wear suitable protective clothing, gloves and eye/face protection.

6.4 Reference to other sections See Also Section 7, 8, 13.

6.5 Additional Information: For waste Disposal: Follow local regulations for discharge of waste effluent.

**SECTION VII: SAFE HANDLING AND STORAGE**

7.1 Precautions for safe handling: Handle open containers with care. Avoid contact with skin and eye. Use only in well-ventilated areas. Keep away from strong oxidizing agents, acids.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place.

Do not store and transport with oxidizers etc.

Keep container closed when not in use. Storage Temperature < 50 °C.

7.3 Incompatibilities: Oxidizing agents, strong acids, reducing agents.

7.4 Additional Information: When product is used in confined space, the use of proper ventilation is required.

SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION**8.1 Control parameters**

8.1.1 Occupational Exposure: US. Workplace Environmental Exposure Level (WEEL) Guides
Components Type Value Form
Alcohol ethylate (CAS 68991-48-0) – TWL – Not Available.

8.1.2 Biological Exposure: Biological limit values are not available for this product.

8.2 Engineering Controls

Guarantee sufficient ventilation during and after use, in order to prevent vapor accumulation.

Ensure that eyewash stations and safety showers are proximal to the work-station.

8.3 Personal Protective Equipment (PPE)

Protective Handwear:	Impervious gloves recommended
Protective Eyewear:	Safety glasses with side shields or goggles.
Other Protective Clothing:	Not required.
Respiratory Apparatus:	None required if fresh air ventilation maintained. Keep work areas well ventilated. Use appropriate respiratory protection if poor ventilation.
Local/mechanical Exhaust:	Proper ventilation is required.

8.4 Environment Exposure Controls: adequate ventilation must be used. Guarantee sufficient ventilation during and after use, in order to prevent vapor accumulation.

SECTION IX: PHYSICAL DATA

Physical State:	Liquid
Appearance:	Light green
Odour:	Apple
Odour Threshold:	N/E
Specific Gravity:	1.007
Vapour Density (air = 1):	N/Av
Vapour Pressure:	N/Av
Boiling Point (°C):	N/Av
Evaporation Rate:	N/E
Freezing Point (°C):	0°C



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Solubility in Water:	Soluble
pH Factor:	11.5-12.2
Flash Point:	94°C (201.2°F) C.O.C.
% Volatile:	N/E
Explosive Limits:	N/Av
Oxidizer:	No
Water Solubility:	N/Av
Partition Coefficient:	N/Av
Viscosity:	N/E
Decomposition Temperature:	N/E
Auto Ignition Temperature:	N/E
Explosive Properties:	No

SECTION X: STABILITY AND REACTIVITY DATA

- 10.1 Reactivity** Strong oxidizing agents, strong reducing acids
- 10.2 Chemical stability** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions:** Can react if in contact with – strong oxidizing agents.
- 10.4 Conditions to avoid:** Avoid contact with strong oxidizing agents, strong reducing acids.
- 10.5 Incompatible materials** Strong oxidizing agents, strong reducing acids
- 10.6 Hazardous Decomposition Product(s)** Carbon monoxide, Carbon dioxide, hydrogen chloride, oxides of nitrogen, methyl chloride when heated
- 10.7 Hazardous polymerization:** Will not occur

SECTION XI: TOXICOLOGICAL INFORMATION

Information on toxicological effects

11.1.1 Mixtures

Acute Oral Toxicity Estimate:	LD 50 (Oral, rat) \geq 25,000 mg / kg
Acute Dermal Toxicity Estimate:	N/Av
Acute Inhalation Toxicity Estimate:	N/Av
Irritation:	May cause eye irritation.
Corrosivity:	Not to be expected.
Carcinogenicity Data:	The ingredients of this product are not classed as carcinogenic by ACGIH, IARC, OSHA
Reproductive Data:	None
Mutagenicity Data:	None
Skin sensitization:	Is not a skin sensitizer

11.1.2 Likely Routes of Exposure and Symptoms:

Inhalation: May slightly irritate respiratory system, if used in poorly ventilated area.

Eye and skin contact: May cause eye irritation.

Ingestion: May produce gastrointestinal disturbances including irritation, nausea, and diarrhea if ingested in large quantities.



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11.1.3 Component Information:

Chemical name	Oral LD 50	Dermal LD 50	Inhalation LC50
Alcohol ethylate	≥ 2,000 mg/kg (Rat)	N/Av	N/AV

11.2 Other

Chronic Effects (humans): N/Av
Numerical Measure of Toxicity: N/Av

SECTION XII: ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity** 96 hour LC₅₀ (Tilapia Nilotica) = 160 mg/l
- 12.2 Persistence and degradability** Readily biodegradable per OECD 301 D, closed bottle test
- 12.3 Bioaccumulative potential:** Not Available
- 12.4 Mobility in soil:** Not Available
- 12.5 PBT and vPvB assessment:** This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
- 12.5 Other adverse effects** None

SECTION XIII: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** Follow treatment/disposal applicable local, provincial and federal regulations.
- 13.2 Contaminated Packaging:** N/Av
- 13.3 Additional Information** Avoid release to the environment.

SECTION XIV: TRANSPORTATION INFORMATION

- 14.1 ADR Classification** Consult your local region authority for disposal options.
- 14.2 DOT (Department of Transportation)** Not Regulated
- 14.3 TDG (Canada Transport of Dangerous Goods):** Not Regulated
- 14.4 ICAO/IATA** Not Regulated
- 14.5 IMO/IMDG** Not Regulated
- 14.6 Marine Pollutant** Not Regulated.

**SECTION XV: REGULATORY INFORMATION****15.1 Chemical Safety Assessment:**

OSHA: This material is classified as hazardous under OSHA regulations (29 CFR 1910.1200).

Hazardous classification: Eye Irritant (Category 2B).

USA TSCA (Toxic Substance Control Act) All chemicals listed

SARA TITLE III : Sec.302. 40 CFR 355: No extremely hazardous substances are present in this material.

SARA TITLE III : Sec.313. 40 CFR 372 This product does not contain any toxic chemicals subject to the reporting requirements of SARA (III) Section 313 of the Emergency Planning and Community Right-to-know Act.

SARA TITLE III : Sec.311 and 312. 40 CFR 370 SDS Requirements. Hazardous Classes: Acute Health Hazard (Eye Irritation).

15.2 US State Right to Know Law

Proposition 65 California Safe Drinking Water and Toxic Enforcement Act of 1986: This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels under which would be subject to the proposition.

15.3 International Information

Canadian Environmental Protection Act (CEPA) All ingredients listed appear on the Domestic Substances List (DSL)

Regulations specific for the substance or mixture

European Union (EINECS/ELINCS)

All chemicals listed

Canada WHMIS Classification

Class D 2B (Eye irritation)

15.4 Chemical Safety Assessment: Not applicable.**SECTION XVI: ADDITIONAL INFORMATION****Further information:**

Information for this Material Safety Data Sheet was prepared from sources considered reliable. While every effort has been made to ensure full disclosure of product hazards, data is not available in some cases and is so stated where applicable. The manufacturer assumes no liability or responsibility, and no warranty is expressed or implied, in cases where products are mishandled, misused or instructions are not strictly observed. Each recipient of this MSDS is encouraged to study it carefully to fully understand this product

SECTION XVII: PREPARATION INFORMATION

Prepared by: WORX Environmental Products	Telephone: 1-800-424-9679	Date: June 19, 2018	Replaces: 15-May-17
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