

PRODUCT NAME: ABRO Screen Cleaner 100ml
PRODUCTNUMBER/SIZE: SC-100

Revision Date: 11/23/2021

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.

ADDRESS: 3580 Blackthorn Court
South Bend, IN 46628
USA

PRODUCT DESCRIPTION: Screen Cleaner

COMPANY PHONE: 574-232-8289

EMERGENCY 24-HR TELEPHONE: Chemtrec: US/Canada 1-800-424-9300
International +1-703-527-3887

SECTION 2 Hazards Identification

Product Classification: Chemical product not classified as hazardous according to the ABNT NBR 14725-2.

Label Pictogram(s): Not required

Signal Word: Not required

Hazard Phrases: Not required

Precautionary Phrases:

General

P103 Read the label before using the product.

Prevention:

P264 Wash your hands carefully after handling the product.

P270 Do not eat, drink or smoke during handling of this product

Response: P370 + P378: In case of fire: For extinguishing use (see item 5).

Storage / Disposal:

P403 Store in a well-ventilated place.

P501: Dispose of contents / container according to local regulations (see item 13)

Other: There are no other hazards.

SECTION 3 Composition/Information on Ingredients

Chemical product	This product is a mixture	
Common chemical name or generic name	CAS NUMBER	Concentration (%)
Demineralized Water	7732-18-5	85 – 90%
Isopropyl Alcohol	8013-70-5	8 – 12%
Sodium Lauryl Ether Sulphate	9004-82-4	1 – 3%

SECTION 4 First Aid Measures

First Aid Measures

Immediate Medical Attention:	Provide general supportive measures and treat symptomatically. Keep victim under observation.
Eyes	Wash the affected are with plenty water for at least 15 minutes. If the irritation persists you must look for a physician.
Skin	Wash hands with soap and water after handling the product.
Ingestion	Do not vomit. Drink plenty water and look for a physician.
Inhalation	Does not cause damage to health if inhaled.
Signs & Symptoms Of Over Exposure:	The main risks are linked to ingestion. It may cause nausea and vomits if swallowed.
Note to doctor:	Symptomatic treatment.

SECTION 5 Fire Fighting Measures

Proper Extinguishing Ways:	Use the chemical powder and CO2 fire extinguishers. Do not throw water directly over the product on fire as it may spread and increase the fire intensity.
Specific hazards:	The fire may cause annoying and toxic gases besides Carbon Monoxide and Carbon Dioxide.
Protective measure f the fire-fighting team:	Firefighters: Wear self-contained breathing and proper fire-fighting clothes. Do not enter in a confined area without any proper protective equipment (PPE); This shall include protective masks

against hazardous effects of combustion products or lack of oxygen.

Isolate the hazardous area and prohibit the entrance of people. In case of fire use water spray in order to cool the container exposed to the fire. Keep a safe distance from flames to avoid the burns by radiation. Use extinguishing process to preserve the environment.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures.

For people who are not part of emergency services:

Isolate the area in a radius of 50 meters, at least, in all directions and keep the curious people away. Wear protective clothes, gloves and safety glasses for the eyes. Do not touch, stand or walk on the spilled product. Stay away from the low areas and on position that keeps the wind behind your back.

For emergency service personnel:

Wear impermeable protective clothing resistant to chemical products. Provide the earthing of all equipment that will be used in handling the spilled product. Eliminate all possible source of ignition, such as, open flames, hot elements without insulation, mechanical or electrical sparks, cigarettes, electrical circuits, etc. Prevent from using any actions or procedures that cause the generation of sparks or flames.

Environmental Precautions:

Isolate the accident area. Prevent spillage from spreading, preventing contamination of rivers and springs. Rinse spill if possible, avoiding contact with skin and clothing. Never dispose of spilled material into sewers. Leaks should be reported to the manufacturer and / or the environmental agencies.

Methods and materials for containment and cleaning:

Absorb with inert absorbent material (sand, diatomite, vermiculite). Collect all material in suitable containers and properly labeled for further treatment and disposal.

Waste should be disposed of in accordance with local, state, or federal environmental legislation.

SECTION 7 Handling and Storage

Precautions for Safe Handling:

Do not smoke in the workplace. Use personal protective equipment. Ensure adequate ventilation at the workplace.

In areas where chemical products are handled, the monitoring of workers' exposure must be carried out, according to NPR-9 Environmental Protection Program (PPRA).

Handle in accordance with good industrial hygiene and safety practice. Storage and use facilities should be equipped with eye wash facilities and a safety shower. Clothing and PPE's should always be cleaned and checked before use. Always use soap, water and cleansing creams for personal hygiene. Good operating and industrial hygiene procedures help reduce the risk of handling chemicals.

Conditions for Safe Storage:

Store in a covered, dry and ventilated area. Protect packaging from physical damage. Use and store with adequate ventilation.

Incompatible materials: Not available.

Keep container tightly closed when not in use. These containers should not be reused for other purposes and should be disposed of in suitable places.

SECTION 8 Exposure Controls/Personal Protection

Control Parameters: Not available.

Engineering control measures: Ensure adequate ventilation, especially in confined areas.

Individual protection measures

Respiratory protection: Not necessary.

Hand protection: It is not necessary. Only use PVC gloves if handling the product for a long time.

Eye / face protection: Safety glasses for chemical products.

Skin protection: Suitable industrial clothes.

SECTION 9 Physical and Chemical Properties

Aspect (Physical state, shape, color) Colorless Clear Liquid

Odor Characteristic

pH 5,0 – 7,0

Melting point / freezing point Not available

Initial boiling point and boiling temperature range Not available

Flash Point Not available

Evaporation rate	Not available
Flammability (solid, gas)	Not available
Inferior Limit/ Superior Flammability or Explosivity	Not available
Steam pressure	Not available
Steam Density	Not available
Relative density	0,985 g/cm ³ (20/4°C)
Solubility	In water: soluble
Coefficient of Participation - n-octanol / water	Not available
Self-Ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Distillation range	Not available

SECTION 10 Stability and Reactivity

Reactivity	Not available
Chemical Stability:	Product stable under normal conditions.
Possibility of dangerous reactions:	Not available
Conditions to avoid (e.g. static discharge, shock or vibration):	Very hot places.
Incompatibilities:	Not available
Hazardous decomposition products:	The fire may cause toxic and irritating gases besides Carbon Monoxide and Dioxide Carbon.

SECTION 11 Toxicological Information

Acute Toxicity	Not available
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Skin corrosion / irritation	Not Classified
Serious eye damage / eye irritation	Not Classified
Respiratory or skin sensitization	Not Classified
Germ cell mutagenicity	Not Classified
Carcinogenicity	Not Classified
Reproductive toxicity	Not Classified
Specific target organ toxicity - single exposure	Not Classified
Specific target organ toxicity - repeated exposure	Not Classified
Danger by aspiration	Not Classified

SECTION 12 Ecological Information

Ecotoxicity:	Data not evaluated.
Persistence and Degradability:	Slightly Biodegradable.
Bioaccumulation Potential:	Data not evaluated.
Mobility in Soil:	Data not evaluated.
Other Adverse Effects:	The residues must not be disposed into the sewers or in the domestic garbage.

SECTION 13 Disposal Considerations

Recommended methods for final destination:

Never discard in sewers or in the environment. Product residues must be discarded according to the federal, state and local applicable health and environmental current regulations: ABNT-NBR 10.004/2004 and ABNT-NBR 16725.

Used Packaging: Its disposal must be according to all applicable environmental and health regulations by respecting the applicable products criteria.

SECTION 14 Transport Information

RTPP – Res 420/04 ANTT | IMDG / DPC / ANTAQ | ICAO-TI / IATA-DGFT / ANAC

Product not classified as dangerous for transportation according to the regulation stated above.

Other information related to the transportation: Avoid the transportation on vehicles where the space is not separated from the driver's cabin. Ensure the driver to know the potential risks of the cargo as well as the actions in case of any accident or emergency. Verify if the recipients are well fastened before transporting the recipients. On fractional transportation each recipient must be properly identified with the labeling stated on the standards.

SECTION 15 Regulatory Information

Ordinance NR 229 from 2011/MTE (Which amends the Regulatory Norm "NR 26", which states Signaling of Safety).

Decree 2.657/1998 – promulgates the Convention NR 170 of OIT, related to the safety in the use of Chemical Products at Work, signed in Geneva on July 25, 1990.

Decree NR 2657 from 1998 (ratified in Brazil the Convention NR 170 of OIT)

Law 9.605/1998 Environment Crimes.

Law 8.098/1990 Protection Consumer Code.

Regulatory requirements are subject to the change and may differ from a region to region; The user is responsible to ensure that its activities are according to the local, federal, state and city laws.

CONTROLLED PRODUCT: Not applicable.

SECTION 16 Other Information

We believe all information given is accurate. It is offered in good faith but without guarantee. Since conditions of use are beyond our control, user assumes all responsibility and risk.

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ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable