

PRODUCT NAME: ABRO Clean All Foam Cleaner Lime Scent
PRODUCT NUMBER/SIZE: FC-650

Rev Date: 2/19/2015

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: Foam 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

Classification:

Flammable aerosols Category 1
Skin corrosion/irritation Category 2

Label Pictogram(s):



Signal Word: Danger

Hazard Phrases: Extremely flammable aerosol. Causes skin irritation.

Precautionary Phrases: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF ON SKIN: wash with plenty of soap and water. Specific treatment on label. IF SKIN irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage / Disposal: Store in a well-ventilated place. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Dispose of contents/container to approved locations in compliance with all applicable regulations.

Other: Keep out of reach of children.

SECTION 3

Composition/Information on Ingredients

COMPONENTS	CAS Number	Percent by weight
Alcohol	64-17-5	5~10
Triethanolamine	102-71-6	1~5
Inhibitor	-	0.1~0.5
Sodium dodecyl benzene sulfonate	25155-30-0	2~55
Water	NA	60~70
PROPANE	74-98-6	20-30

SECTION 4

First Aid Measures

SWALLOWED

If swallowed do NOT induce vomiting. If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration. Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink. Seek medical advice.

EYE CONTACT

Immediately hold eyelids apart and flush the eye continuously with running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Transport to hospital or doctor without delay. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN CONTACT

Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.

INHALATION

Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.

SECTION 5

Fire Fighting Measures

EXTINGUISHING MEDIA: Water spray or fog, Foam, Dry chemical powder, BCF (where regulations permit), Carbon dioxide.

SECTION 6

Accidental Release Measures

EMERGENCY PROCEDURES

MINOR SPILLS:

Clean up all spills immediately. Avoid breathing vapors and contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. Shut off all possible sources of ignition and increase

ventilation. Wipe up. If safe, damaged cans should be placed in a container outdoors, away from all ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely.

MAJOR SPILLS:

Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water courses. No smoking, naked lights or ignition sources. Increase ventilation. Stop leak if safe to do so. Water spray or fog may be used to disperse / absorb vapor. Absorb or cover spill with sand, earth, inert materials or vermiculite. If safe, damaged cans should be placed in a container outdoors, away from ignition sources, until pressure has dissipated. Undamaged cans should be gathered and stowed safely. Collect residues and seal in labeled drums for disposal.

SECTION 7 **Handling and Storage**

Store in original containers in approved flame-proof area. DO NOT store in pits, depressions, basements or areas where vapors may be trapped. No smoking, naked lights, heat or ignition sources. Keep containers securely sealed. Contents under pressure. Store away from incompatible materials. Store in a cool, dry, well ventilated area in an upright position. Avoid storage at temperatures higher than 40 deg C. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storing and handling recommendations.

SECTION 8 **Exposure Controls/Personal Protection**

Engineering measures:

Provide adequate ventilation to maintain the flammable vapor concentration well below the LEL and ensure the airborne concentration of substances to which an OES has been assigned is below that level.

Respiratory protection:

Air-fed respiratory equipment should be worn when this product is sprayed if the exposure of the sprayer or other people cannot be controlled below the OEL and engineering controls and other measures cannot reasonably be improved.

Hand protection:

When skin exposure may occur, advice may be sought from the glove suppliers on appropriate types. Barrier creams may help to protect exposed skin but are not suitable for full physical protection.

Eye protection:

Eye protection designed to protect from liquid splashes should be worn.

Skin protection:

Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a preparatory skin cleaner.

SECTION 9 **Physical and Chemical Properties**

Appearance:	Colorless liquid
Odor:	Less solvent
pH:	7.0-9.0
Specific Gravity @ 20	0.98~1.00

Viscosity
Vapour Pressure @ 20

<30cst
N/A

SECTION 10

Stability and Reactivity

CONDITIONS CONTRIBUTING TO INSTABILITY:

Elevated temperatures.
Presence of open flame.
Product is considered stable.
Hazardous polymerization will not occur.

SECTION 11

Toxicological Information

POTENTIAL HEALTH EFFECTS **ACUTE HEALTH EFFECTS**

SWALLOWED:

Not normally a hazard due to physical form of product. Ingestion may result in nausea, pain, vomiting. Vomit entering the lungs by aspiration may cause potentially lethal chemical pneumonitis. Considered an unlikely route of entry in commercial/industrial environments

EYE:

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

SKIN:

Spray mist may produce discomfort. Toxic effects may result from skin absorption. The material may accentuate any pre-existing skin condition. The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (non-allergic). This form of dermatitis is often characterized by skin redness (erythema) and swelling the epidermis. Histologically there may be intercellular edema of the spongy layer (spongiosis) and intracellular oedema of the epidermis.

INHALED:

Inhalation hazard is increased at higher temperatures. Acute effects from inhalation of high concentrations of vapor are pulmonary irritation, including coughing, with nausea; central nervous system depression -characterized by headache and dizziness, increased reaction time, fatigue and loss of co-ordination. If exposure to highly concentrated solvent atmosphere is prolonged this may lead to narcosis, unconsciousness, even coma and possible death.

WARNING:

Intentional misuse by concentrating/inhaling contents may be lethal

SECTION 12

Ecological Information

There is no data available on the product itself.

The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface water.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

Xylene is likely to bioaccumulate, but with short retention of the order of a week or less. It is likely to be moderately toxic to aquatic organisms and it will biodegrade although it will float on water and evaporate slowly.

Acetone has no bioaccumulation potential, not acutely toxic to aquatic organisms and has good biodegradability.

SECTION 13 Disposal Considerations

Consult State Land Waste Management Authority for disposal.
Discharge contents of damaged aerosol cans at an approved site.
Allow small quantities to evaporate.
DO NOT incinerate or puncture aerosol cans.
Bury residues and emptied aerosol cans at an approved site.

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: UN1950
 Proper shipping name: Aerosols
 Hazard class: 2.1
 Packing Group:
 Exceptions:
 Environmental Hazards:
 Transport in Bulk:
 Special Precautions:

IMO/IMDG UN/ID Number: UN1950
 Proper shipping name: Aerosols
 Hazard class: 2.1
 Packing Group:
 Exceptions:
 Environmental Hazards:
 Transport in Bulk:
 Special Precautions:

ICAO/IATA UN/ID Number: UN1950
 Proper shipping name: Aerosols
 Hazard Class: 2.1
 Packing Group:
 Exceptions:
 Environmental Hazards:

Transport in Bulk:
Special Precautions:

**Canada
(TDG)**

UN/ID Number: UN1950
Proper shipping name: Aerosols
Hazard class: 2.1
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

**Europe
(ADR/RID)**

UN/ID Number: UN1950
Proper shipping name: Aerosols
Hazard class: 2.1
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

Comply with local regulations

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

<="LESS THAN"

ND = Not Determined

BT="BETWEEN"

>="GREATER THAN"

NA = Not Applicable