



MATERIAL SAFETY DATA SHEET

Product Name : All Purpose Cleaner
Revision Date : May.15,2011
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FLP LLC

MATERIAL SAFETY DATA SHEET

All Purpose Cleaner

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: All-purpose cleaner
Company: FLP LLC
Address: 2405 S. Roosevelt St., Tempe, AZ 85282
Fax: 480-577-5909
Emergency: 480-557-5890
E-mail: sales@Frontlineproductsinc.com
MSDS Number: 11-018
MSDS Date: May 15, 2011

SECTION 2 INFORMATION ON INGREDIENTS

Product name: All-purpose cleaner

Ingredient	Concentration	CAS No.
Aqua	90.0%	7732-18-5
Propane /Butane	6.0%	74-98-6/106-97-8
2-Butoxyethano	1.5%	111-76-2
Sodium lauryl sulfate	0.7%	151-21-3
Sodium lauroyl sarcosinate	0.5%	137-16-6
Alcohol Ethoxylate	0.5%	9002-92-0
Ammonium hydroxide	0.5%	1336-21-6
Sodium Benzoate	0.2%	532-32-1
Perfume	0.1%	/

SECTION 3 HAZARDS IDENTIFICATION

Hazards Identification: Aerosols, non-flammable.

Emergency Overview: Maybe an irritant to eyes.

SECTION 4 FIRST-AID MEASURES

Skin Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious. Call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Flammable Hazards: Contains flammable component.

Explosion Hazards:

Vapor may travel considerable distance to source of ignition and flash back. Container explosion may occur under fire conditions.

Extinguishing Media:

Suitable: Carbon dioxide. Dry chemical powder.

Use water spray or fog nozzle to keep cylinder cool. Move cylinder away from fire if there is no risk.

Firefighting:

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Specific Hazard(s): Vapor may travel considerable distance to source of ignition and flash back. Emits toxic fumes under fire conditions.

Specific Method(s) of Fire Fighting: Do not extinguish burning gas if flow cannot be shut off immediately. Use water spray or fog nozzle to keep cylinder cool. Move cylinder away from fire if there is no risk.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedure to be Followed in case of Leak or Spill:

Evacuate area and keep personnel upwind. Shut off all sources of ignition. Shut off leak if there is no risk.

Procedure(s) of Personal Precaution(s):

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.

Methods for Cleaning up:

Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling:

User Exposure: Avoid breathe vapor. Avoid get in eyes, on skin, on clothing. Avoid prolonged or repeated exposure.

Storage:

Suitable: keep tightly closed. Keep away from heat, sparks, and open flame. Use with equipment rated for cylinder pressure, and of compatible materials of construction.

Unsuitable: Store away from heat and direct sunlight.

SECTION 8 EXPOSURE CONTROL/PPE

Engineering Controls: Use ventilation equipment if available. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: Government approved respirator if needed.

Eye: Chemical safety goggles.

Clothing: Wear appropriate protective clothing.

Hand: Compatible chemical-resistant gloves.

Other Protect: No smoking, drinking and eating at working site. Wash thoroughly after handling. Wash contaminated clothing before reuse.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Multicolor metal compressed air tank (containing foam aerosol)

Odor: Weak odor

PH value: 8.5-11.0

Solubility: Miscible in water

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal temperature and pressures.

Materials to Avoid: Oxygen, pressed air, halogen, and oxidizing agents.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition Products: CO, CO₂.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Data: Not data available.

Route of Exposure:

Eye Contact: Causes eye irritation.

Ingestion: May be harmful if swallowed.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations.

SECTION 14 TRANSPORT INFORMATION

IATA

Proper Shipping Name: Aerosols, non-flammable

IATA UN Number: 1950

Class: 2.2

Hazard Label(s): Non-flammable, gas

IMDG Code

Proper Shipping Name: Aerosols (maximum 1L)

Class: 2

UN Number: 1950

SECTION 15 REGULATORY INFORMATION

EU Additional Classification:

S 9

Safety Statements: Keep container in a well-ventilated place.

SECTION 16 OTHER INFORMATION

Date: May 15, 2011

Department: FLP LLC

Tel/Fax: 480-557-5890/480-557-5909

Revision: 0

Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.