SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: LIQUID EFFECT
24-hr. Emergency #: (800) 424-9300
US DOT Hazardous Materials Registration No.: 062504-001-008MO
Commercial & Government Entity (CAGE) Code: 0YCK6

CHEMICAL NAMES & SYNONYMS: N/A
FORMULA: Proprietary
CHEMICAL FAMILY: Blended surfactant detergent
SUPPLIER’S NAME: Fabriclean Supply of Kansas, LC
SUPPLIER’S ADDRESS: 14400 W. 97th Terrace
SUPPLIER’S CITY, STATE, ZIP: Lenexa, KS 66215
SUPPLIER’S TELEPHONE: (800) 832-0096

SECTION 2 - INGREDIENTS

INGREDIENTS | PERCENT | ADOPTED VALUES
--- | --- | ---
Triethanolamine CAS # 102-71-6 | 2 - 3% | ACGIH TWA 5 mg/m3. See Section 15 for additional regulatory information.

(Note: The exact composition of this product, with respect to the percentages of its' reported ingredients and the presence of its' non-regulated ingredients [not reported], is proprietary information and is being withheld. In the event of a medical emergency, total disclosure will be made to the proper authorities.)

SECTION 3 - HEALTH HAZARDS IDENTIFICATION

Primary Routes of Entry: Eye/skin contact. Inhalation. Ingestion.

EFFECTS OF OVEREXPOSURE: Eye contact with product may cause irritation and burns. Repeated or prolonged contact with unprotected skin may cause irritation and dermatitis. May be absorbed in harmful amounts. Inhalation may cause irritation, coughing, headache, nausea and or drowsiness. Ingestion may cause nausea, vomiting and/or diarrhea.

OSHA, IARC, OR NTP CARCINOGEN INFORMATION: No individual ingredients are listed as or considered to be possible carcinogens.

SECTION 4 - FIRST AID MEASURES

EYES: Object is to flush material out of eyes immediately, then seek medical attention. Immediately flush with plenty of water for at least 15 minutes while holding eyelids open to ensure flushing of the entire eye surface. Get medical attention.

SKIN: Immediately wash contaminated areas with plenty of water for at least 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. Discard footwear, which cannot be decontaminated. Seek medical attention if symptoms develop or persist.

INHALATION: Remove to fresh air; if breathing is difficult, have trained personnel administer oxygen. If respiration stops, give mouth-to-mouth resuscitation. Get immediate medical attention. (Note: Coughing, sneezing or other symptoms of upper respiratory irritation may serve as a warning of exposure to high airborne concentrations.)

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth with water; give large quantities of water or milk to drink. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Give more liquids. Do not give anything by mouth to an unconscious or drowsy person. Get immediate medical attention. (Because rapid absorption may occur through lungs if aspirated and cause systemic effects, the decision of whether to induce vomiting or not should be made by a physician.)

SUPPLEMENTAL HEALTH INFORMATION: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

SECTION 5 - FIRE & EXPLOSION HAZARDS / FIRE FIGHTING MEASURES

Flash Point: Non-combustible Flammable Limits: N/A

Extinguishing Media: Water spray, dry chemical, foam, carbon dioxide.
**Special Fire Fighting Procedures:** Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non-essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing. A direct stream of water will cause foaming. Use water to cool containers exposed to fire.

**Unusual Fire and Explosion Hazards:** Hot organic chemical vapors may spontaneously ignite or explode when mixed with air, even at temperatures below their published autoignition temperature.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Steps to be taken if material is released or spilled:** Evacuate non-essential personnel, eliminate ignition sources, and wear protective equipment. Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If required, notify state and local authorities. Product may be toxic to fish or aquatic life.

**SECTION 7 - HANDLING AND STORAGE**

**Precautions to be taken in handling and storing:** Warning! Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do not breathe vapor or mist. Do not get in eyes. Avoid prolonged or repeated contact with skin. For industrial use only! Keep container closed when not in use. Do not store above 120 deg. F. Keep out of reach of children.

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory Protection:** None required under normal conditions.

**Ventilation Required:** Mechanical general ventilation is usually adequate. Local mechanical ventilation may be required.

**Protective Clothing:** Eyes: Safety glasses with non-perforated side shield. Always wear eye protection when working with chemicals. Do not wear contact lenses when working with chemicals. Skin: Impervious gloves.

**Additional Protective Measures:** Safety shower, eye bath and washing facilities should be available and easily accessible.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Clear  
**State:** Liquid

**Odor:** Mild  
**Solubility in Water:** Complete

**pH:** 8.5 - 9.0 typical  
**Specific Gravity:** 1.04 Typical

**SECTION 10 - STABILITY AND REACTIVITY**

**Stability:** Stable

**Incompatibility:** Inorganic acids, inorganic bases. Avoid contact with bleaching agents and oxidizers, which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid.

**Hazardous Decomposition:** Carbon monoxide, miscellaneous organic compounds, some possibly toxic.

**Hazardous Polymerization:** Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

**Toxicological Information:** No information available.

**Chemical Fate Information:** No information available.

**SECTION 12 - ECOLOGICAL INFORMATION**

No information available.
SECTION 13 - DISPOSAL CONSIDERATIONS

Appropriate disposal will depend on the nature of each waste material and should be performed by competent and properly permitted contractors. Ensure that all responsible Federal, State, and local agencies received proper notification of spill and disposal of waste, if required.

SECTION 14 - TRANSPORT INFORMATION

Proper Shipping Name: Cleaning compounds

Hazard Class: N/A  UN#: N/A
Packing Group: N/A  Sticker Required: N/A
Emergency Response Guidesheet: N/A

SECTION 15 - REGULATORY INFORMATION

(Notice: The information herein is presented in good faith and believed to be accurate as of the effective date shown below. However, no warranty, expressed or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer’s responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations.)

(A simple explanation of each act [legislation] is included in this section. Ingredients listed in these sections means they are governed by that particular act.)

**RCRA - RESOURCE CONSERVATION AND RECOVERY ACT (HAZARDOUS WASTE):** The act that mandated the development of hazardous waste regulations. These regulations can be found in 40 CFR 260-281.

No ingredients listed.

**REPORTABLE QUANTITIES - CERCLA (ACCIDENTAL RELEASE):** The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) identifies a list of substances that have an adverse effect if released to the environment. The Act designates the reportable quantity (RQ) for each of these substances, and the notification requirements for releases or spills. When a specified amount of a chemical is released or spilled, the National Response Center must be notified. This specified amount is the "reportable quantity." The reportable quantity for each chemical is based on the severity of environmental hazard it presents.

No ingredients listed.

**THRESHOLD PLANNING QUANTITIES (SARA - COMMUNITY RIGHT TO KNOW) EXTREMELY HAZARDOUS SUBSTANCE LIST:** The Extremely Hazardous Substance (EHS) list and planning quantities trigger certain reporting requirements to emergency planning agencies. If your facility has a listed hazardous substance in amounts equal to or greater than the quantities shown on the index, the regulations of 40 CFR 355 and 370 apply to you.

No ingredients listed.

**SARA TITLE III, SECTION 313: EPA** has developed a list of over 320 regulated chemicals and 22 chemical categories. An entry in this section, indicates that a given chemical appears on this list. The entry will consist of a date, which identifies the effective date for reporting, and a "de minimis" amount. This amount, 1% or 0.1%, indicates the minimum amount of a chemical that must be present in a mixture to trigger reporting.

No ingredients listed.

**RISK MANAGEMENT PROGRAM - EPA:** On January 31, 1994, a new EPA rule was finalized. It was required under section 112(r) of the Clean Air Act. It is aimed at preventing accidental chemical releases. This first rule presented a list, composed of three categories: 77 toxic substances, 63 flammable substances, and explosive substances with a mass explosion hazard as listed by DOT. The complete regulation can be found in 40 CFR Part 68 - Chemical Accident Prevention Provisions.

No ingredients listed.

**WHMIS - CANADA:** The Workplace Hazardous Materials Information System (WHMIS) is Canada’s version of Hazard Communication. Its provisions closely parallel the US. Regulations.

Triethanolamine - 1%
DOT: The Department of Transportation (DOT) regulates those substances that present a potential hazard during transportation. There may be labeling, special packaging, and/or placarding required.

No ingredients listed.

NFPA - NATIONAL FIRE PROTECTION ASSOCIATION: The National Fire Protection Association (NFPA) is a nonprofit, educational organization. The goal of NFPA is to promote the science of fire protection and prevention. With this aim, NFPA has developed information on the hazardous properties of many chemicals, which enables the user to come up with safe procedures during the chemicals' use, storage, and transportation. There are three categories of hazards: Health (H), flammability (F), and reactivity (R). Within each category, there are numerical ratings from 0 - 4, with 0 indicating no hazard, 4 indicating severe hazard.

Triethanolamine - Health 1 / Fire 2 / Reactivity 0.

Process Safety Management - OSHA: OSHA established a regulation (1910.119) to monitor and control safety at certain types of industrial facilities. Compliance is triggered by specified quantities of specific chemicals.

No ingredients listed.

Proposition 65 - California: Proposition 65 refers to an initiative passed by the California voters in the November 1986 elections. It is the Safe Drinking Water and Toxic Enforcement Act of 1986. One of the components is the listing of chemicals known to cause cancer or reproductive toxicity. Twelve months after a chemical is listed, a person in the course of doing business must warn another person who may consume, come into contact with, or otherwise be exposed to that chemical.

No ingredients listed.

The New Clean Air Act - Hazardous Air Pollutants: This rule regulates the emissions of 112 of the organic chemicals identified in the Cats list of 189 hazardous air pollutants.

No ingredients listed.

SECTION 16 - OTHER INFORMATION

AS A GENERAL RULE, PREVENT AND PROTECT THIS PRODUCT FROM UNAUTHORIZED USE

FOR INDUSTRIAL USE ONLY !!!!!!

END OF REPORT

NAME: Robert C. Jaudon                      DATE ISSUED: 05/20/02
(636) 296-3131, 296-3889                      DATE REVISED: 07/01/04

<  = LESS THAN                                N/A  = NOT APPLICABLE
>  = MORE THAN                                 N/D  = NOT DETERMINED
UNK = UNKNOWN                                  N/E  = NOT ESTABLISHED

In accord with the philosophy established by the Occupational Safety and Health Administration’s Hazard Communication Final Rule, 1985, this Material Safety Data Sheet has been designed to emphasize the hazardous portions (ingredient[s]) utilized in the total formulation. As a result, the information herein stresses the most hazardous component(s) only. By this approach, we feel better knowledge and awareness should substantially contribute to reduce exposure and injury to workers involved with the use of this product. The information supplied in this document is presented for exactly this purpose. As required by law, this data should be thoroughly read and made available to anyone who may be responsible for handling this material. All data provided relates to the concentrated product as shipped. Actual usage rates and further dilution will, in most cases, greatly reduce, if not eliminate, the potential for worker injury. Any and all chemical products should be handled with extreme care and only by authorized and informed personnel. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this MSDS should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

The information and recommendations provided in this Material Safety Data Sheet have been obtained from data we believe to be reliable. We provide no warranties, expressed or implied, or accept no responsibility for loss associated with the use or handling of this product. This information is offered for your review and consideration. Efforts should be extended to determine the applicability of this product for your specific intended use. We know of no medical condition, other than those noted in this Material Safety Data Sheet, which are generally recognized as being aggravated by exposure to this product.

REASON FOR REVISION: Section 1 - Haz. Mat. Reg. number