9151 BOULEVARD 26
Suite 100B
Corporate Center
North Richland Hills, TX 76180

PROTECTALL™

Ph.: 888-585-9488

MATERIAL SAFETY DATA SHEET

PROTECTALL™: LEATHER CONDITIONER

HMIS RATINGS: Health 2* Flammability 1

Physical 0

Complies with USDL Safety and Health Regulations 29CFR1910.1200

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Flexicon LC-65

COMPANY INFORMATION:
Innovative Chemical Technologies, Inc.
103 Walnut Grove Road
Cartersville, GA 30120
Telephone: 770-607-9340
Fax: 770-607-9341
EMERGENCIES: (770) 607-9340 M-F 8:00 AM-5:30 PM EST

SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

COMPONENTS CAS NUMBER %

Water 7732-18-5 38-40

Lubricants mixture 15-18

Surfactants mixture 4-5

Mineral seal oil 64742-46-7 2-3

2-butoxyethanol 111-76-2 1-2

Refer to Section 8 for Exposure Guidelines

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

MAY BE HARMFUL IF INHALED, SWALLOWED, OR ABSORBED THROUGH THE SKIN.

HAZARDS IDENTIFICATION CONT'D

IMMEDIATE HEALTH EFFECTS

Eyes: Direct contact may cause irritation, including stinging, tearing, redness, and swelling

Skin: Prolonged or repeated contact may cause irritation or de-fatting, leading to dryness. May be absorbed through the skin and cause effects similar to inhalation exposure.

Inhalation: Organic solvent vapor or mist inhalation may cause irritation of the nose, mouth, throat and lungs. Breathing large amounts of organic solvent vapors or mists may affect the central nervous system, causing headache, dizziness, nausea, confusion, loss of coordination, impaired judgment, or similar effects.

Ingestion: Swallowing large amounts of organic solvents may affect the central nervous system, causing effects similar to inhalation exposure.

PRIMARY ROUTES OF ENTRY: Eye or skin contact, vapor and mist inhalation, and ingestion.

TARGET ORGAN EFFECTS: Prolonged, repeated, or large exposures may cause liver, kidney, lung, or red blood cell damage.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: Repeated over exposure to organic solvents can cause an increased risk of birth defects.

CARCINOGENIC INFORMATION: None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA. May contain trace levels of acetaldehyde, ethylene oxide, formaldehyde, and 1,4 dioxane.

LONG TERM EFFECTS: Repeated over exposure to organic solvents can cause permanent damage to the central nervous system.

SECTION 4 FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

SKIN CONTACT: Remove contaminated clothing. Flush skin with water for at least 15 minutes. If irritation persists, or other symptoms develop, consult a physician.

INHALATION: Remove to fresh air. If respiratory irritation or breathing difficulty develops, give oxygen if available, and get immediate medical assistance. If breathing stops, give artificial respiration.

INGESTION: Do not induce vomiting. Aspiration hazard. Give 8 to 16 ounces of water or milk to dilute substance. Consult a physician or local Poison Control Center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT (° Fahrenheit): none (aqueous)

FLAMMABLE LIMITS: LEL: 0.7% (v) mineral seal oil

UEL: 10% (v) 2-butoxyethanol

AUTOIGNITION TEMPERATURE: Not known.

HAZARDOUS PRODUCTS OF DECOMPOSITION: In case of fire or extreme heat, the following may be produced: oxides of carbon and silicon, formaldehyde, and low molecular weight organic compounds

EXTINGUISHING MEDIA: Water spray, foam, dry chemical powder, or carbon dioxide. Avoid direct water streams that may spread spilled liquids.

FIRE FIGHTING INSTRUCTIONS: Evacuate and keep any non-responders away. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move non-burning containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool. Containers may rupture in extreme heat.

NFPA RATINGS: Health: 2, Flammability: 1, Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

See section 8 for personal protective equipment.

SMALL SPILL: Eliminate any ignition sources and soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly.

LARGE SPILL: Eliminate any ignition sources and shut off source of leak if it is safe to do so. Evacuate and keep out any personnel not wearing proper protective equipment. Prevent liquid from entering sewers or waterways. Dike and contain spilled material. Remove with explosion-proof vacuum equipment or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material.

SECTION 7 HANDLING AND STORAGE

HANDLING: Handle open containers with care and with adequate ventilation. Ground and/or bond containers and vessels when transferring product. Use non-sparking tools and explosion proof equipment. Do not handle near an open flame, heat, sparks, or other source of ignition. Wear appropriate personal protection gear (see Section 8).

HANDLING AND STORAGE CONT'D

STORAGE: Store containers closed in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

SECTION 8 PERSONAL PROTECTION & EXPOSURE CONTROLS

EXPOSURE GUIDELINES:

Component List Type Value

Mineral seal oil (oil mist) OSHA table Z-1 PEL (8 hr) 5 mg/m3

ACGIH TWA (8 hr) 5 mg/m3

ACGIH STEL (15 min) 10 mg/m3

2-butoxyethanol OSHA table Z-1 PEL (8 hr) 240 mg/m3 / 50 ppm

OSHA table Z-1 Notation SKIN

ACGIH TWA (8 hr) 97 mg/m3 / 20 ppm

ACGIH Notation SKIN

EYE/FACE PROTECTION: Wear safety glasses with side shields or goggles. A splash shield is recommended when splashing is possible.

SKIN PROTECTION: Prevent skin contact. Wear protective gloves. Wear impervious clothing and boots as necessary to protect from splashes.

RESPIRATORY PROTECTION: If workplace exposure limits of product or any component are exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (consult your safety representative). Engineering controls or administrative controls should be implemented to reduce exposure.

For spray applications, use a coarse spray device such as a trigger sprayer with particle size production greater than 15 microns. Use only low pressure (less than 60 psi) sprayer. DO NOT aerosolize or atomize. Suitable ventilation must be used during application.

ENGINEERING CONTROLS: Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Creamy white liquid

pH: (2% solution in water) approximately 7

VAPOR PRESSURE: 2-butoxyethanol: 0.4 mm Hg @ 68F / 20C

VAPOR DENSITY: Heavier than air

PHYSICAL AND CHEMICAL PROPERTIES CONT'D

BOILING POINT: approx 212$_{o}$ F (100 °C)

SOLUBILITY IN WATER: Disperses

EVAPORTATION RATE: (water = 1) approximately 1

DENSITY: Approximately 1

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Avoid contact with heat.

MATERIALS TO AVOID: Strong oxidizers or reducing agents, strong acids or bases.

HAZARDOUS PRODUCTS OF DECOMPOSITION: In case of fire or extreme heat, the following may be produced: oxides of carbon and silicon, formaldehyde, and low molecular weight organic compounds

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Eye Toxicity: Mixture has not been tested. 2-butoxyethanol: moderate irritant (rabbit)

Acute Skin Toxicity: Mixture has not been tested. 2-butoxyethanol: moderate irritant (rabbit); dermal LD50 (rabbit) 435 mg/kg.

Acute Inhalation Toxicity: Mixture has not been tested. 2-butoxyethanol: inhalation LC50 (rat) 450 ppm / 4 hr.

Acute Oral Toxicity: Mixture has not been tested. 2-butoxyethanol: oral LD50 (rat) 1.48 g/kg; oral LD50 (mouse) 1.2 g/kg.

Subchronic: This mixture has not been tested. 2-butoxyethanol: Studies in rats and rabbits suggest hemolytic effects on red blood cells that eventually lead to further effects on the liver and kidneys. Their relevance to human metabolic mechanisms, expected occupational doses, or likely routes of exposure is not clear or confirmed.

Sensitization: This mixture has not been tested. None of the components are known or suspected skin sensitizers.

TOXICOLOGICAL INFORMATION CONT'D

CARCINOGENITY: None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA. ACGIH has listed 2-butoxyethanol as an "A3 – Animal Carcinogen" based on studies on experimental animals. Their relevance to human metabolic mechanisms, expected occupational doses, or likely routes of exposure is not clear or confirmed. May contain trace levels of acetaldehyde, ethylene oxide, formaldehyde, and 1,4 dioxane.

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: Occupational exposure to organic solvents during pregnancy is associated with an increased risk of fetal malformations, especially among women who reported symptoms associated with acute over-exposure. In studies on laboratory animals, 2-butoxyethanol was found not to be associated with an increased risk of fetal malformations, even at doses that were toxic to the mother. The effects noted in the study were attributed to stress and general chemical exposure.

CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

SECTION 12 ECOLOGICAL INFORMATION

This mixture has not been tested.

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: If this product becomes a waste, it may meet one or several criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40CFR261, depending upon what it is mixed with. Dispose of in accordance with all applicable federal, state, and local regulations.

SECTION 14 TRANSPORT INFORMATION

US ground:

Not regulated in all modes

TDG, IATA, IMDG information:

Not regulated in all modes

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA Information: All components are listed, or otherwise are in compliance with TSCA notification requirements

REGULATORY INFORMATION CONT'D

CERCLA Reportable Quantities [40CFR302]: Components with known CAS numbers listed as hazardous substances and subject to reporting: glycol ethers (2-butoxyethanol), RQ-none

SARA 302/304 [40CFR355]: Components with known CAS numbers listed as hazardous substances and subject to release reporting: None above 0.1%

SARA 311/312 [40 CFR370]: Acute Yes

Chronic Yes

Fire No

Pressure No

Reactivity No

REGULATORY INFORMATION CON'T

SARA 313 [40CFR372]: Components listed as reportable and known to be present at or above de minimus levels as specified in 40 CFR§372.38(a): Certain glycol ethers category

STATE AND LOCAL REGULATIONS

California Proposition 65: This product may contain the following chemicals known to the State of California to cause cancer and/or reproductive harm: May contain trace levels of acetaldehyde, ethylene oxide, formaldehyde, and 1,4 dioxane.

SECTION 16 OTHER INFORMATION

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement