

MATERIAL SAFETY DATA SHEET REVISED 03/03

HMIS CHARLIE'S SOAP

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

PERSONAL PROTECTION: NONE REQUIRED

SHILOH PRODUCTS, INC. dba Sutherland Products
203 N 1ST AVENUE
MAYODAN, NC 27027
EMERGENCY NOS. (800) 854-3541 (336)-548-6035

SECTION I: IDENTIFICATION

product code: SB-2069 (cs13)
chemical name & synonyms: NA
chemical family: BLEND OF READILY BIODEGRADABLE SURFACTANTS
formula: PROPRIETARY
cas no.: NA

SECTION II: COMPOSITION INFORMATION ON HAZARDOUS INGREDIENTS

component: NONE CLASSIFIED AS HAZARDOUS

SECTION III: HAZARDS IDENTIFICATION

expected route of entry:
SKIN CONTACT:
SKIN ABSORPTION:
EYE CONTACT: X
INHALATION:
INGESTION:
effects of exposure:
MILD IRRITATION TO EYES AND MUCOUS MEMBRANES
known effects on other illnesses:
PRE-EXISTING EYE CONDITIONS MAY BE AGGRAVATED
listed carcinogen:
NONE: X
OSHA:
NTP:
IARC:
OTHER:

SECTION IV: EMERGENCY FIRST-AID PROCEDURES

skin: IF IRRITATED, WITHDRAW FROM FURTHER CONTACT.
IF IRRITATION PERSISTS, GET MEDICAL ATTENTION
eyes: FLUSH WITH CLEAN WATER FOR 15 MINUTES,
IF IRRITATION PERSISTS, GET MEDICAL ATTENTION
ingestion: DRINK WATER, INDUCE VOMITING, GET MEDICAL ATTENTION
inhalation: REMOVE TO FRESH AIR, IF BREATHING IS LABORED,
GET MEDICAL ATTENTION
note to physician: NONE KNOWN

SECTION V: FIRE FIGHTING MEASURES

flash point: WILL NOT BURN
method: NA
OSHA classification: NON FLAMMABLE
flammable explosive limits: upper NA lower NA
extinguishing media: NONE REQUIRED
special fire hazard & fire fighting procedures:
THIS PRODUCT WILL NOT BURN

SECTION VI: ACCIDENTAL SPILL OR LEAKAGE PROCEDURES

steps to be taken in case material is released or spilled: SMALL SPILLS
MAY BE FLUSHED TO MUNICIPAL SEWAGE DRAIN OR
APPROVED WASTE WATER TREATMENT FACILITY LARGER SPILLS
SHOULD BE TRAPPED AND ABSORBED FOR RETURN TO RESERVOIR
OR STORAGE TANK AFTER FILTRATION. RESIDUAL MATERIAL MAY
BE REUSED OR FLUSHED AS DESCRIBED ABOVE. THIS PRODUCT
CAN RENDER FLAT SURFACES EXTREMELY SLIPPERY. BE CAREFUL.
waste disposal method:
TREAT OR DISPOSE OF ACCORDING TO REGULATIONS UNDER THE
RESOURCE CONSERVATION AND RECOVERY ACT AS ADMINISTERED
BY US EPA OR APPROPRIATE STATE AGENCIES.

SECTION VII: HANDLING AND STORAGE

precautions in storing and handling:
STORE IN COVERED AREA KEEP FROM FREEZING

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

protective equipment:
EYE PROTECTION NONE REQUIRED
GLOVES NONE REQUIRED
OTHER NONE REQUIRED
ventilation: NORMAL
exposure limits: NONE ON PRODUCT
idlh: NONE

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

appearance and odor: CLEAR LIQUID WITH FAINT SWEET ODOR,
FOAMS EASILY
odor threshold: NOT AVAILABLE
pH (100%): 9.5 - 10.5
solubility in water: SOLUBLE
specific gravity: 1.02
boiling point: 104 DEGREES C
melting point: -8 DEGREES C
vapor pressure: NOT AVAILABLE
vapor density: 1.02
evaporation rate: SAME AS WATER
voc: <4%
cloud point: 41 DEGREES C

SECTION X: STABILITY AND REACTIVITY

stability: THIS PRODUCT IS STABLE
conditions to avoid: NONE
incompatibility (materials to avoid): STRONG ALKALI METALS corrosive
action (metals, plastics, rubber, etc.):
OVER TIME, THIS PRODUCT MAY TEND TO DULL ALUMINUM AND
MAGNESIUM. DOES NOT EFFECT PLASTICS OR RUBBER SEALS
hazardous polymerization: WILL NOT OCCUR
hazardous decomposition products: NONE

SECTION XI: TOXICOLOGICAL INFORMATION

LD50
ORAL: NOT AVAILABLE
DERMAL: NON-IRRITATING
EYE IRRITATION: IRRITANT
THIS PRODUCT IS NOT TESTED ON LIVE ANIMALS

SECTION XII: ECOLOGICAL INFORMATION

biodegradation: >97% DEGRADED IN SOIL IN 28 DAYS
method: SEWAGE TEST METHOD 1997 JAPAN SEWAGE ASSOCIATION testing
facility: Food Research Laboratories, Nagoya, Japan
toxicity: MILD EYE AND MUCUOUS IRRITATION
testing facility: Duke University Dept of Environmental Medicine

SECTION XIII: TRANSPORT INFORMATION

DOT CLASS: 55