



optionsforlifeTM
safer for people, pets and planet

section 1 company & product

company: optionsforlife, llc
address: 9 Gold Street, NY, NY 10038
phone: 917-617-9060

emergency phone: 800-535-5053

product chemical family: [Green SealTM Certified] surfactant blend

product: tub & tile cleaner concentrate

section 2 product contents

in a water base ...

chemical name, cas no., wt.%, :
urea monohydrochloride, 506-89-8, to 8
linear alcohol ethoxylate, 68991-48-0, to 3
sodium lactate, 867-56-1, to 2
no fragrance

section 3 physical properties

boiling point: approx. 215 degrees F
vapor density: 4.85 gm/m³ @ 32 degrees F
% volatile: 91
completely soluble in water
description: slightly yellowish liquid, moderate odor
specific gravity: 1.03
concentrate pH: 1.5 to 2
diluted pH: 1.8 to 2.2
voc content: none

section 4 fire prevention information

flash point: > 200 degrees F
non-flammable
extinguishing media: water or CO2
fire fighting precautions: product is slippery on surfaces
no unusual or explosion hazards

section 5 health hazards and first aid

skin: may cause irritation, dryness or redness, especially to those with skin disorders.*
treat by flushing skin with soap and water.
eyes: may cause irritation or tearing.*
treat by flushing eye with water for 15 minutes.
nose, throat and lungs: may be irritating to mucous membranes and upper track.
treat by moving to fresh air.
ingestion: if swallowed, do not induce vomiting, drink lots of water and seek medical attention.

exposure limits: not established.
carcinogenicity: no ingredients are listed by the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC) as known or possible carcinogens.
Not regulated by OSHA.

section 6 protective handling and storage recommendations

keep out of reach of children and pets.
for commercial use by trained persons.
wear protective chemical resistant gloves and eye wear.
keep area ventilated while cleaning.
store container closed in a cool, but not freezing, place.

section 7 spill or leakage procedures

keep unnecessary personnel away from area.
floors will become slippery, wear slip-resistant boots or shoes.
contain spill and mop/absorb the split liquid.
rinse area with cold water.
dispose material as per local, state and federal laws.

section 8 reactivity information

stable
no hazardous polymerization
no materials to avoid
no hazardous decomposition products known

section 9 shipping information

cleaning compounds
non-hazardous
for a gallon or less: may be shipped as ORM (otherwise regulated material)
larger sizes: ship class number 55

hazardous material identification rating:

health: 1 (on a scale of 0/not hazardous to 4/very hazardous)
flammability: 0
reactivity: 0
personal protection: B

msds number: ofl-tt-3 date: 01.20.10

material safety data sheet

for occupation safety and health only

*Meets Green Seal's requirements for skin & eye irritation & acute toxicity at the as-used dilutions.