

MATERIAL SAFETY DATA SHEET

Lumi Inkowash

Page 1

Revision Date: 06/26/2014

Section 01 - Product Information

Information of the substance/preparation:

Textile, Leather, and Paper Chemicals
Product Safety 1-704-331-7710

Emergency tel. number: +1 800-424-9300 CHEMTREC

Trade name: Lumi Inkowash
Material number: 152490
Formula: Mixture
Primary product use: Nonionic Surfactant
Chemical family: Ethoxylated Fatty Alcohol

Section 02 - Composition information on hazardous ingredients

Hazardous ingredients:

Component	CAS-no. (Trade secret no.)	Concentration
Ethoxylated Alcohols		> 1 %

Section 03 - Hazards identification

Expected Route of entry:

Inhalation: no
Skin contact: yes
Eye contact: yes
Ingestion: no
Skin absorption: no

Health effects of exposure:

Ethoxylated Alcohol
Some ethoxylated alcohols have been known to cause eye and skin irritation. Ingestion may cause gastrointestinal irritation, diarrhea, nausea and vomiting.

Known effects on other illnesses: Pre-existing skin and eye disorders may be aggravated by exposure to this product.

Listed carcinogen: IARC: No
NTP: No
OSHA: No
Other: No

MATERIAL SAFETY DATA SHEET

Lumi Inkowash

Page 2

Revision Date: 06/26/2014

HMIS:

Health: 1

Flammability: 1

Reactivity: 0

Personal protection: C

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

After contact with eyes:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs.

After ingestion:

If victim is conscious, give large amounts of water or milk. Consult a physician. Never give anything by mouth to an unconscious person.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint:

470 °F

Method: open cup

Lower explosion limit:

not tested.

Upper explosion limit:

not tested.

Ignition temperature:

not tested.

Hazardous combustion products:

Thermal decomposition may produce oxides of carbon.

Extinguishing media:

water

Alcohol resistant foam

carbon dioxide

Dry Chemical

Water / Fog Spray

Special fire fighting procedure:

Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires. Do not direct a solid stream of water or foam into hot burning pools; this may cause frothing and increase fire intensity. Use self-contained breathing apparatus and protective equipment.

Unusual fire and explosion hazards:

Emits toxic fumes under fire conditions. Product floats on water creating a potential floating fire hazard..

Section 06 - Accidental release measures

Revision Date: 06/26/2014

Steps to be taken in case of spill or leak:

Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.

Section 07 - Handling and storage

Advice on safe handling:

Avoid getting on skin or in eyes when handling product.

Further info on storage conditions:

Keep containers closed.

Section 08 - Exposure controls / personal protection

Respiratory protection:	None required in normal use of product.
Hand protection:	Butyl Rubber, PVC Or Neoprene.
Eye protection:	Chemical splash goggles.
Other protective equipment:	Rubber apron.
Advice on system design:	Local ventilation recommended - mechanical ventilation may be used.
IDLH:	None

Section 09 - Physical and chemical properties

Form:	Liquid
Color:	almost colourless
Odor:	characteristic
pH:	6.0 - 7.5 (10 g/l)
Solubility in water:	miscible
Freezing point :	23 °F
Boiling point :	not determined
Relative vapor density:	> 1
Viscosity / (dynamic):	45 mPa.s (77 °F)

Section 10 - Stability and reactivity

Chemical stability:	Stable.
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MATERIAL SAFETY DATA SHEET

Lumi Inkowash

Page 4

Revision Date: 06/26/2014

Hazardous Polymerization: Will not occur.
Conditions to avoid: None known.

Conditions to avoid: Strong oxidizing agents.

Section 11 - Toxicological information

Product information:

Acute oral toxicity: LD50 (rat)
not tested.

Skin irritation: Not tested

Eye irritation: Not tested

Section 12 - Ecological information

Product information:

Biodegradation: > 70 %
The product is readily biodegradable according to OECD criteria.

Section 13 - Disposal considerations

Waste disposal information:

Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

RCRA hazardous waste:

No -- Not as sold.
RCRA number: NONE

Section 14 - Transport information

DOT not restricted

IATA not restricted

IMDG not restricted

Section 15 - Regulatory information

TSCA Status:

All components of this product are listed on the TSCA Inventory.

SARA (section 311/312):

Reactive hazard: no
Pressure hazard: no
Fire hazard: no
Immediate/acute: yes
Delayed/chronic: no

MATERIAL SAFETY DATA SHEET

Lumi Inkowash

Page 5

Revision Date: 06/26/2014

SARA 313 information:

This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act:

Contains no known priority pollutants at concentrations greater than 0.1%.

Volatile organic compounds VOC:

Content VOC (weight-%): 4.5 %
Method: EPA Method 24

FDA:

This product is not registered with the FDA.

Section 16 - Other information

Other precautions:

None Known

Label information:

CAUTION!

MAY CAUSE IRRITATION TO EYES AND SKIN

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wear proper protective equipment. Keep container closed when not in use.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications. (R) and TM indicate trademarks of Clariant AG, its business partners or suppliers.