

Surface Modification Technologies

# Safety Data Sheet

Date: 01/10/2019, Version 1, Supersedes: New

### 1. PRODUCT IDENTIFICATION AND MANUFACTURER 1.1. Product Identifier

Trade Name: Lurol PP-20951 CAS Number: Mixture/Proprietary

1.2. Relevant identified uses of the substance/mixture and uses advised against

None known

Uses Advised Against:

1.3. Supplier Details

Address:

Goulston P.O. Box 5025, Monroe, NC 28111

Phone: e-mail:

(704) 289-6464

safety@goulston.com 1.4. Emergency Phone Number

InfoTrac:

Toll Free US: 800-535-5053 International: 352-323-3500 Toll Free Germany: 0800-181-2924 Toll Free China: 400-120-0761

## 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance/mixture

Classification According to EU Regulation EC No. 1272/2008:

Eye Damage/Irritation-Category 1

Skin Irritation-Category 2

Hazards:

Causes serious eye damage (H318)

Causes skin irritation (H315)

Classification According to GHS

Eye Damage/Irritation-Category 1

Skin Irritation-Category 2

Hazardous to the Environment- Category 3

Adverse human health and environmental effects:

2.2. Label Elements

Labeling According to GHS

Pictogram:

Signal Word:

Danger





Hazard Statements:

Causes serious eye damage (H318)

Causes skin irritation (H315) Harmful to aquatic life (H402)

**Precautionary Statements:** 

Wash face and hands thoroughly after handling (P264)

Avoid release to the environment (P273)

Wear eye/face protection (P280)

IF ON SKIN: Wash with plenty of water (P302+P352)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses,

if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CONTROL CENTER or doctor/physician if eye exposure

occurs (P310)

If skin irritation occurs: Get medical advice/attention (P332+P313) Take off contaminated clothing and wash it before reuse (P362+P364) Dispose of contents/container to an approved waste facility (P501)

2.3. Hazards No data available

2.4. Remarks None

## 3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

COMPONENT		
Ethoxylate Anionic Antistat	CAS#	PERCENT
	Proprietary	1-20
	Proprietary	5-15

### 4. FIRST AID MEASURES

4.1. Description of First Aid Measures

Inhalation:

Remove victim to fresh air; get medical attention if trouble breathing

Skin: Eve:

Flush with generous amounts of water; get medical attention if rash or irritation develops

Ingestion:

Flush with generous amounts of water; get medical attention if stinging or vision problems persist

Do not induce vomiting; get immediate medical attention

4.2. Most important symptoms and effects, both acute and delayed Eye irritation or damage

Skin irritation

4.3. Indication of any immediate medical attention and special treatment needed

### 5. FIRE FIGHTING MEASURES

5.1. Extinguishing Media

Suitable: Dry chemical, foam carbon dioxide; Water may be used to cool fire-exposed containers

5.2. Special Hazards

None known





Combustion Products:

Thermal decomposition products may include, but not limited to, oxides of carbon,

phosphorous, and nitrogen

### 5.3. Advice for Fire Fighters

Full protective clothing including NIOSH approved self-contained, positive pressure or pressure demand breathing apparatus; do not flush down drains or sewers

## 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions

Avoid contact with material; contact appropriate spill clean-up personnel

6.2. Environmental Precautions

Do not allow material to reach natural waterways or drains/sewers

6.3. Clean-up Methods

Use absorbent material to collect small spills for disposal/dikes and vacuum pumps should be used to contain and

6.4. Reference to other sections Refer to Sections 8 and 13

6.5. Hazchem Code Not applicable

## 7. HANDLING AND STORAGE

7.1. Safe Handling

Do not get in eyes, on skin or clothing; do not breathe vapors or mists; keep container closed; use only with adequate ventilation; use good personal hygiene practices; keep away from heat and flame

7.2. Safe Storage

Store in tightly closed containers in cool, dry, well-ventilated area away from heat or sources of ignition Store at ambient temperature out of direct sunlight

Empty containers may contain irritating or combustible residue or vapors

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Exposure Limits:

None established

8.2. Exposure Controls

Special Engineering Measures:

Hand Protection:

None Required

Gloves- impermeable (also consider your own risk assessment; i.e. breakthrough

times, rates of diffusion and degradation, tasks undertaken)

Eye Protection:

Respiratory Protection:

Chemical safety goggles or glasses

Respiratory protection is not normally required if good ventilation is maintained and exposure guidelines are not exceeded

Other Information:

Eye bath and safety shower; avoid contact with skin and eyes; wash hands before and after breaks and immediately after handling the product; Do not allow material to enter drains/sewers or natural waterways





#### 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Basic Properties

Physical State:

Liquid

Color:

Clear to hazy

Odor/Odor Threshold:

Characteristic odor/No data available

pH, 5%, @25°C: Melting Point, °C: No data available Not measured

Solidification Point, °C:

Not measured

Boiling Point, °C:

Not measured Not measured

Flash Point, °C:

>100

Relat. evapor. rate comp

NI /

to butylacetate:

N/A N/A

Flammability (solid, gas): Explosive limits:

Not explosive

Vapor pressure:

Not measured

Relative vapor density at 20C:

Not measured

Relative density:

Not measured

Solubility in Water:

Soluble

Log Pow:

No data available

Self-ignition temperature:

No data available

Decomposition temperature:

No data available

Viscosity, @25°C, cSt:

No data available

Explosive Properties: Oxidizing Properties:

Not explosive Not applicable

9.2. Other Properties

Percent Volatiles:

No data available

### 10. CHEMICAL STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous polymerization will not occur

10.2. Chemical Stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None under normal conditions

10.4. Conditions to Avoid

None known

10.5. Incompatible Materials

Strong acids, bases; Oxidizing and reducing agents

10.6. Hazardous decomposition products

Decomposition Products: Thermal combustion products may include oxides of carbon, phosphorous, and nitrogen

#### 11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Not classified

Irritation:

Product not tested. Classified by GHS for Skin Irritation-Category 2

Corrosivity:

Product not tested. Classified by GHS for Eye Damage/Irritation-Category 1

Sensitization:

Not classified





Repeated dose

toxicity:

Not classified

Carcinogenicity:

Not classified

Mutagenicity:

Not classified

Reproductive toxicity:

Not classified

### 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology-general:

This product is classified as hazardous to the aquatic environment

Aquatic Toxicity:

No data available; product not tested. Classified by GHS for Hazardous to the Aquatic

**Environment- Acute Category 3** 

12.2. Persistence and Degradability

No data available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

Accidental spillage may lead to penetration in the soil and groundwater; No information available on soil mobility

12.5. Results of PBT and vPvB assessment

This information is not available

12.6. Other adverse effects

No information available

### 13. DISPOSAL CONSIDERATIONS

13.1. Waste Disposal Recommendations

Do not allow material to drain into sewers/water supplies; Do not contaminate ponds, waterways or ditches Use appropriate guidelines to dispose of containers

13.2. Waste Code

Should be assigned by the user

13.3. Additional information

Empty containers should be taken for recycle, recovery or waste in accordance with local regulation

### 14. TRANSPORT INFORMATION

49 CFR-DOT Not Regulated

**UN-number:** 

Hazard Class:

Packing Group:

UN proper shipping name:

**IATA** Not Regulated

**UN-number:** 

Hazard Class:

Packing Group:

UN proper shipping name:

**IMDG** Not Regulated

**UN-number:** 

Hazard Class:

Packing Group:

UN proper shipping name:





**ADR** Not Regulated

**UN-number:** 

Hazard Class:

Packing Group:

UN proper shipping name:

**RID** Not Regulated

**UN-number:** 

Hazard Class:

Packing Group:

UN proper shipping name:

**ADN** Not Regulated

**UN-number:** 

Hazard Class:

Packing Group:

UN proper shipping name:

### 15. REGULATORY INFORMATION

15.1. German Water Classification:

No information available

15.2. US Regulations

Inventory Status:

All components are on the TSCA inventory or meet one of the exemptions

SARA 311/312:

Yes: Refer Section 2 for GHS classification

SARA 313:

None known

California Prop. 65:

This product may contain the following material(s) known to the state of California to cause cancer, birth defects or other reproductive harm: None greater than 0.1%

### 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.