

SAFETY DATA SHEET

Thumbs Up

Revision Date

9/12/2014

SECTION - 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | | | | |
|---------------------|---------------------|-----------------------------------|-----------------|-----------------------|
| PRODUCT NAME | Thumbs Up | PRODUCT USE | Hand Soap | ITEM |
| COMPANY NAME | Burnishine | Office | (800) 818-8275 | |
| | 25392 W. Park Ct | Fax | | |
| | Lake Villa IL 60046 | Web | | |
| | | EMERGENCY TELEPHONE NUMBER | INFOTRAC | (800) 535-5053 |

SECTION - 2 HAZARDS INFORMATION



Irritant (eye)

CAUTION! Product contact with eyes can cause irritation. Prolonged product contact with skin may cause irritation or drying. May be harmful if swallowed. KEEP OUT OF REACH OF CHILDREN

SECTION - 3 COMPOSITION INFORMATION

(Exact percentage of the listed chemicals of composition has been withheld as a trade secret.)

| <u>CHEMICAL NAME</u> | <u>COMMON NAME AND SYNONYMS</u> | <u>CAS #</u> | <u>IMPURITIES</u> | <u>PERCENT</u> |
|----------------------|---------------------------------|--------------|-------------------|----------------|
| Alcohol Ethoxylate | Alcohols, C9-11, ethoxylated | 68439-46-3 | | 4 - 10% |

SECTION - 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids. Remove contact lenses if present and easy to do without injury to the eye and continue rinsing. If irritation persists obtain immediate medical attention, preferably from an ophthalmologist.

SKIN CONTACT Wash with water.

INHALATION Not Applicable

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs.

Aspiration Hazard Not applicable

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation
Skin May cause mild skin irritation
Inhalation Not applicable
Ingestion May be harmful if swallowed

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes May cause serious eye irritation
Skin Can cause mild skin irritation, drying or cracking
Inhalation Not applicable
Ingestion Harmful if swallowed, May cause irritation, burning in the mouth, throat, and stomach, Slight acute toxicity if swallowed

SECTION – 5 FIRE FIGHTING MEASURES

| | |
|--------------------------------|--|
| Extinguishing Media | Suitable: Use DRY chemicals, CO2, alcohol foam. Water spray to cool or protect exposed materials |
| Hazardous Decomposition | Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes |
| Reactive With | Incompatible with, strong oxidizing agents, bleach |
| Explosion Hazards | Not applicable |
| Static Discharge | Not applicable |
| Mechanical Impact | Not applicable |
| Protective Equipment | Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear |

| | |
|--|------------------------------|
| FLAMMABLE LIQUIDS HAZARD CLASSIFICATION | |
| Criteria | Flash point > 93.3°C (200°F) |
| NFPA Class | III B |
| GHS | Not applicable |
| WHMIS | Not applicable |

| | |
|----------------------------|-----|
| NFPA HAZARD RATINGS | |
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | FBG |

SECTION – 6 ACCIDENTAL RELEASE MEASURES

| | |
|-----------------------------|--|
| Emergency Procedures | Warn personnel of spill |
| Personal Precautions | Avoid slipping on spilled product |
| Protective Equipment | Safety Glasses |
| Containment | Use rags or towels to prevent spill from spreading |
| Clean Up Procedures | Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water |
| Disposal | Dispose of material in accordance with all State and Federal Guidelines and Regulations |

SECTION – 7 HANDLING AND STORAGE

| | |
|-------------------------------|--|
| Handling | Avoid eye contact. Harmful if swallowed |
| Storage | Keep container closed when not in use, KEEP OUT OF REACH OF CHILDREN |
| Incompatible Materials | Incompatible with, strong oxidizing agents, bleach |

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS

| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA PEL (TWA 8) | OSHA (CEIL) | Significant Exposure |
|--------------------|-----------------|--------------|------------------|-------------|----------------------|
| Alcohol Ethoxylate | Not Established | | Not Established | | |

PERSONAL PROTECTIVE EQUIPMENT



Not Normally Required



Eye Wash
(Recommended)



Ventilation
General Ventilation

| | |
|----------------------------|---|
| HMIS HAZARD RATINGS | |
| Health | 1 |
| Flammability | 0 |
| Reactivity | 0 |
| Personal Protection | |

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|---------------------|---------------------|-------------------------------------|----------------|
| Flash Point | Not applicable | Specific Gravity / Relative Density | Not determined |
| Flammable Limits | Not applicable | Molecular Weight | Not determined |
| Auto-Ignition Temp. | Not applicable | Initial Boiling Point | Not determined |
| Physical State | Viscous Paste | Boiling Range | Not determined |
| Appearance | Yellow Gritty Paste | Vapor Pressure | Not determined |
| Odor | Pleasant | Vapor Density | Not determined |
| Odor Threshold | Not determined | Freeze Point | Not determined |
| Solubility | < 18% | Melting Point | Not determined |
| Volatiles | < 2% | Partition Coefficient | Not determined |
| VOC | < 1% | Decomposition Temperature | Not determined |
| pH | 7.2 | Evaporation Rate | Not determined |

SECTION – 10 STABILITY AND REACTIVITY

| | |
|---------------------------------|--|
| Reactivity (Specific Test Data) | None available |
| Chemical Stability | Stable when stored below 49°C (120°F) |
| Hazardous Polymerization | Will not occur |
| Conditions To Avoid | Incompatible materials |
| Incompatible Materials | Incompatible with, strong oxidizing agents, bleach |
| Thermal Decomposition | Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes |

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

| | |
|------------|--------------------------------|
| Eyes | Can cause eye irritation |
| Skin | May cause mild skin irritation |
| Inhalation | Not applicable |
| Ingestion | May be harmful if swallowed |

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

| | |
|------------|---|
| Eyes | May cause serious eye irritation |
| Skin | Can cause mild skin irritation, drying or cracking |
| Inhalation | Not applicable |
| Ingestion | Harmful if swallowed, May cause irritation, burning in the mouth, throat, and stomach, Slight acute toxicity if swallowed |

Target Organs Eyes (Lens or cornea)

Medical Conditions Preexisting, eye, disorders may be aggravated by exposure to this product

Notes to Physician In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

| CHEMICAL NAME | NTP | ACGIH | IARC | GHS Category |
|---------------|-----|-------|------|--------------|
|---------------|-----|-------|------|--------------|

None Listed

MUTAGENIC AND TERATOGENIC EFFECTS – May cause fetal and reproductive abnormalities.

| CHEMICAL NAME | Mutagenic | Teratogenic | Developmental | GHS Category |
|---------------|-----------|-------------|---------------|--------------|
|---------------|-----------|-------------|---------------|--------------|

None Listed

SECTION – 11 TOXICOLOGICAL INFORMATION - CONTINUED

| <u>ACUTE TOXICITY</u> | <u>Type</u> | <u>Form</u> | <u>Subject</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|-----------------------|-------------|-------------|----------------|---------------------|----------------------|-----------------------|
| Alcohol Ethoxylate | LD50 | Oral | Rat | 1400 mg/kg | | 4 (>300, ≤2000 mg/kg) |
| | LD50 | Dermal | Rabbit | 5000 mg/kg | | 5 (>2000 mg/kg) |

SECTION – 12 ECOLOGICAL INFORMATION

| <u>CHEMICAL NAME</u> | <u>Type</u> | <u>Subject</u> | <u>Subject Latin</u> | <u>Result Value</u> | <u>Exposure Time</u> | <u>GHS Category</u> |
|----------------------|-------------|----------------|-----------------------|---------------------|----------------------|---------------------|
| Alcohol Ethoxylate | LC50 | Fathead Minnow | (Pimephales promelas) | 8.5 mg/L | 96 Hours | 2 (>1, ≤10 mg/L) |
| | EC50 | Water Flea | (Daphnia magna) | 5.3 mg/L | 48 Hours | 2 (>1, ≤10 mg/L) |

Persistence And Degradability No specific biodegradation test data was located

Bioaccumulative Potential No data available

Mobility In Soil No data available

Other Adverse Effects No data available

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

SECTION – 14 TRANSPORT INFORMATION**D.O.T. CLASSIFICATION**

| <u>UN Number</u> | <u>Proper Shipping Name</u> | | | | |
|---------------------|---|--------------------|----------------------------------|----------------------|-------------------------|
| Not Regulated | Non Hazardous – Compounds Cleaning Liquid | | | | |
| <u>Hazard Class</u> | <u>Packing Group</u> | <u>Label Codes</u> | <u>Reportable Quantity (lbs)</u> | <u>Response Code</u> | <u>Marine Pollutant</u> |
| None | PG III | None | None | 154 | No |

SECTION - 15 REGULATORY INFORMATION**TSCA**

| CHEMICAL NAME | Sec 8(b) Inventory | Sec 8(d) Health And Safety | Sec 4(a) Chemical Test Rules | Sec 12(b) Export Notification |
|--------------------|--------------------|----------------------------|------------------------------|-------------------------------|
| Alcohol Ethoxylate | Yes | | | |

REPORTABLE QUANTITIES

| CHEMICAL NAME | Extremely Hazardous EPCRA TPQ Sec 302 | Reportable Quantity EPCRA RQ Sec 304 | Reportable Quantity CERCLA RQ Sec 103 | Emission Reporting TRI Sec 313 | RCRA Code | RMP TQ Sec 112r |
|---------------|--|---|--|-----------------------------------|-----------|-----------------|
| None Listed | | | | | | |

SARA

| CHEMICAL NAME | Section 311 | | Section 311 / 312 Hazards | | | |
|--------------------|--------------------|-------|---------------------------|-----------|----------|----------|
| | Hazardous Chemical | Acute | Chronic | Flammable | Pressure | Reactive |
| Alcohol Ethoxylate | Yes | Yes | | | | |

RIGHT TO KNOW

| CHEMICAL NAME | STATE | | | | | | | | | | | | |
|---------------|-------|----|----|----|----|----|----|----|----|----|----|----|----|
| | CA | CT | FL | IL | LA | NJ | NY | PA | MI | MN | MA | RI | WI |
| None Listed | | | | | | | | | | | | | |

INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:

| CHEMICAL NAME | Australia | Canada | Europe (EINECS) | Japan | Korea | UK |
|--------------------|-----------|--------|-----------------|-------|-------|-----|
| Alcohol Ethoxylate | Yes | Yes | Yes | Yes | Yes | Yes |

WHMIS Classification

| CHEMICAL NAME | DSL | Class | Description |
|--------------------|-----|-------|---|
| Alcohol Ethoxylate | Yes | D-2B | Materials Causing Other Toxic Effects; Toxic Material |

DSCL (EEC)

| Code | Definition (R-Phrases / S-Phrases) |
|------|------------------------------------|
| R36 | Irritating to eyes |
| S2 | Keep out of the reach of children |

CALIFORNIA

| CHEMICAL NAME | CAS # | WARNING! This product contains chemicals known to the state of California to cause: | | | |
|---------------|-------|---|-------------------|------------|---------------|
| | | Birth Defects | Reproductive Harm | Carcinogen | Developmental |
| None Listed | | | | | |

CLEAN AIR WATER ACTS

| CHEMICAL NAME | CAS # | Clean Air Acts | | | Clean Water Acts | | |
|---------------|-------|----------------|---------------|---------------|------------------|----|----|
| | | HAP | Ozone Class 1 | Ozone Class 2 | HS | PP | TP |
| None Listed | | | | | | | |

SECTION – 16 OTHER INFORMATION

| SDS | Legend Description | | |
|---------------|--|--------------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CAS | Chemical Abstracts Service Registry | LEL | Lower Explosive Limit |
| CEIL | Ceiling Limit (15 minutes) | NA | Not Applicable |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | ND | Not Determined |
| EPA | Environmental Protection Agency | NE | Not Established |
| FBG | Full Bunker Gear | NFPA | National Fire Protection Association |
| HAP | California Hazardous air pollutant Clean Air Act | NIOSH | National Institute for Occupational Safety and Health |
| HMIS-A | Safety Glasses | NTP | National Toxicology Program |
| HMIS-B | Safety glasses, gloves | OSHA | Occupational Safety and Health Administration |
| HMIS-C | Safety glasses, gloves, chemical apron | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-D | Face shield, gloves, chemical apron | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-E | Safety glasses, gloves, dust respirator | REL | Recommended exposure limit (NIOSH) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Air concentration that is lethal to 50% of a given species in a given time |
| HMIS-I | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) |
| IARC | International Agency for Research on Cancer | UEL | Upper Explosive Limit |
| LC50 | Air concentration that is lethal to 50% of a given species in a given time | WHMIS | Worker Hazardous Materials Information System (Canada) |

Burnishine

and nCites, L.L.C. have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

Supersedes Safety Data Sheet Dated