

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Product name : 101, DURAGLOSS POLISH & CLEANER  
Product code : Part #101, 8 oz, Part #102 GAL, Part #103, 32 oz

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

#### 1.3. Details of the supplier of the safety data sheet

Brothers Research Corporation  
2245 Airpark Drive  
Burlington, NC 27216  
T 336-229-6480

#### 1.4. Emergency telephone number

Emergency number : 800-424-9300  
Chemtrec

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flam. Liq. 4 H227  
STOT RE 1 H372

Full text of H-phrases: see section 16

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS08

Signal word (GHS-US) : Danger  
Hazard statements (GHS-US) : H227 - Combustible liquid  
H372 - Causes damage to organs (respiratory system/digestive system) through prolonged or repeated exposure  
Precautionary statements (GHS-US) : P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking  
P260 - Do not breathe dust, fume, mist, spray, gas, vapours  
P264 - Wash hands, forearms and face thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P280 - Wear eye protection, face shield, protective clothing, protective gloves  
P314 - Get medical advice/attention if you feel unwell  
P370+P378 - In case of fire: Use extinguishing powder, foam, carbon dioxide (CO2) to extinguish  
P403+P235 - Store in a well-ventilated place. Keep cool  
P501 - Dispose of contents/container to an approved waste disposal plant, an authorised waste collection point

#### 2.3. Other hazards

No additional information available

#### 2.4. Unknown acute toxicity (GHS-US)

Not applicable

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

# 101, DURAGLOSS POLISH & CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

| Name  | Product identifier  | %      | GHS-US classification                   |
|---|---------------------|--------|---|
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics | (CAS No) 64742-47-8 | 5 - 10 | Flam. Liq. 4, H227<br>Asp. Tox. 1, H304 |
| solvent naphtha(petroleum), medium aliph.                             | (CAS No) 64742-88-7 | 3 - 9  | STOT RE 1, H372<br>Asp. Tox. 1, H304    |

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.
- First-aid measures after skin contact : Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible liquid.
- Explosion hazard : May form flammable/explosive vapour-air mixture.

#### 5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

##### 6.1.1. For non-emergency personnel

- Emergency procedures : Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Ventilate area.

#### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.

# 101, DURAGLOSS POLISH & CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Precautions for safe handling : No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof Does not require any specific or particular technical measures equipment.

Storage conditions : Keep container tightly closed. Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Heat sources. Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

| 101, DURAGLOSS POLISH & CLEANER  |                |
|--|----------------|
| ACGIH  | Not applicable |
| OSHA   | Not applicable |
| solvent naphtha(petroleum), medium aliph. (64742-88-7)                             |                |
| ACGIH  | Not applicable |
| OSHA   | Not applicable |
| hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8) |                |
| ACGIH  | Not applicable |
| OSHA   | Not applicable |

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Chemical goggles or safety glasses.

Respiratory protection : Wear appropriate mask.

Other information : Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

Appearance : Creamy white.

Colour : Creamy white

Odour : Sweet

Odour threshold : No data available

pH : 8 - 9

Relative evaporation rate (butylacetate=1) : No data available

Melting point : ≈ °F No Data

Freezing point : No data available

Boiling point : 370 - 550 °F

Flash point : 108 °F

Auto-ignition temperature : 420 °F

Decomposition temperature : No data available

Flammability (solid, gas) : No data available

Vapour pressure : < 1 mm Hg

Relative vapour density at 20 °C : No data available

# 101, DURAGLOSS POLISH & CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

|                      |                     |
|----------------------|---------------------|
| Relative density     | : 0.9 @ 60.0 F      |
| Solubility           | : Water: < 0.01     |
| Log Pow              | : No data available |
| Log Kow              | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic   | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits     | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Flammable liquid and vapour. May form flammable/explosive vapour-air mixture. Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Open flame. Overheating. Heat. Sparks. Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

May release flammable gases. fume. Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

| <b>solvent naphtha(petroleum), medium aliph. (64742-88-7)</b>                                |   |
|--|---|
| LD50 oral rat  | > 5000 mg/kg bodyweight (Rat; Equivalent or similar to OECD 420; Experimental value)    |
| LD50 dermal rabbit   | > 2000 mg/kg bodyweight (Rabbit; Experimental value; Equivalent or similar to OECD 402) |
| <b>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</b> |   |
| LD50 dermal rabbit   | > 5000 mg/kg bodyweight (Rabbit; Literature)  |

Skin corrosion/irritation : Not classified

pH: 8 - 9

Serious eye damage/irritation : Not classified

pH: 8 - 9

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Causes damage to organs (respiratory system/digestive system) through prolonged or repeated exposure.

Aspiration hazard : Not classified

# 101, DURAGLOSS POLISH & CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1. Toxicity

| <b>solvent naphtha(petroleum), medium aliph. (64742-88-7)</b> |   |
|---|---|
| LC50 fish 1   | 2 - 5 mg/l (LL50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss; Semi-static system; Fresh water; Experimental value)    |
| EC50 Daphnia 1  | 1.4 mg/l (EL50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)     |
| Threshold limit algae 1                                       | 1 - 3,EL50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value |

| <b>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</b> |                           |
|--|---------------------------|
| LC50 fish 1  | > 100 mg/l (Pisces)       |
| EC50 Daphnia 1   | > 100 mg/l (Invertebrata) |
| Threshold limit algae 1  | > 100 mg/l (Algae)        |

#### 12.2. Persistence and degradability

| <b>101, DURAGLOSS POLISH &amp; CLEANER</b> |                  |
|--|------------------|
| Persistence and degradability              | Not established. |

| <b>solvent naphtha(petroleum), medium aliph. (64742-88-7)</b> |  |
|---|--|
| Persistence and degradability                                 | Readily biodegradable in water. Adsorbs into the soil. |

| <b>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</b> |  |
|--|--|
| Persistence and degradability  | Readily biodegradable in water. Adsorbs into the soil. |

#### 12.3. Bioaccumulative potential

| <b>101, DURAGLOSS POLISH &amp; CLEANER</b> |                  |
|--|------------------|
| Bioaccumulative potential                  | Not established. |

| <b>solvent naphtha(petroleum), medium aliph. (64742-88-7)</b> |                                    |
|---|------------------------------------|
| Bioaccumulative potential                                     | No bioaccumulation data available. |

| <b>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</b> |   |
|--|---|
| Log Pow  | 6 - 8.2   |
| Bioaccumulative potential  | High potential for bioaccumulation (Log Kow > 5). |

#### 12.4. Mobility in soil

| <b>hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-47-8)</b> |                   |
|--|-------------------|
| Surface tension  | 0.026 N/m (20 °C) |

#### 12.5. Other adverse effects

Effect on ozone layer :  
Effect on the global warming : No known ecological damage caused by this product.  
Other information : Avoid release to the environment.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose of contents/container to ... Dispose in a safe manner in accordance with local/national regulations.  
Additional information : Handle empty containers with care because residual vapours are flammable.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

In accordance with DOT  
Not regulated for transport

# 101, DURAGLOSS POLISH & CLEANER

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Additional information

Other information : No supplementary information available.

### ADR

No additional information available

### Transport by sea

No additional information available

### Air transport

No additional information available

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### 101, DURAGLOSS POLISH & CLEANER

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

#### hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2. International regulations

#### CANADA

No additional information available

### EU-Regulations

No additional information available

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

### 15.2.2. National regulations

### 15.3. US State regulations

## SECTION 16: Other information

Revision date : 05/28/2015

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H-phrases:

|              |  |
|--------------|--|
| Asp. Tox. 1  | Aspiration hazard, Category 1                                  |
| Flam. Liq. 4 | Flammable liquids, Category 4                                  |
| STOT RE 1    | Specific target organ toxicity — Repeated exposure, Category 1 |
| H227         | Combustible liquid   |
| H304         | May be fatal if swallowed and enters airways                   |
| H372         | Causes damage to organs through prolonged or repeated exposure |

SDS US (GHS HazCom 2012)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*