

**1. PRODUCT IDENTIFICATION**

PRODUCT NAME: 101

PRODUCT COLOR: Skidoo Price Remover

RECOMMENDED USE: Coding and Marking

**Manufacturer/Supplier:**

American Coding & Marking Ink Co., Inc. 1-908-756-0373  
 1220 North Avenue  
 Plainfield, NJ 07062-1796  
 USA

**Emergency Telephone Number:**

TRANSPORTATION: CHEMTREC : 1-800-424-9300 (North America)  
 1-703-527-3887 (International)

**2. HAZARDS IDENTIFICATION****Emergency Overview:****GHS Classification:**

|                                                  |             |
|--------------------------------------------------|-------------|
| Flammable liquids                                | Category 3  |
| Skin corrosion/irritation                        | Category 1B |
| Serious eye damage/eye irritation                | Category 1  |
| Specific target organ toxicity (single exposure) | Category 3  |

**GHS label elements, including precautionary statements**

Pictogram

Signal Word **Danger****Hazard Statements**

|      |                                         |
|------|-----------------------------------------|
| H226 | Flammable liquid and vapor              |
| H314 | Causes severe skin burns and eye damage |
| H318 | Causes serious eye damage               |
| H336 | May cause drowsiness or dizziness       |

**Precautionary Statements**

|                |                                                                                                                                   |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| P210           | Keep away from open flames/hot surfaces. – No smoking                                                                             |
| P233           | Keep container tightly closed                                                                                                     |
| P242           | Use only non-sparking tools                                                                                                       |
| P243           | Take precautionary measures against static discharge                                                                              |
| P260           | Do not breathe dust/fume/gas/mist/vapors/spray                                                                                    |
| P264           | Wash skin thoroughly after handling.                                                                                              |
| P271           | Use only outdoors or in a well-ventilated area                                                                                    |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection                                                         |
| P301+P330+P331 | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                                                |
| P303+P361+P353 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower                         |
| P304+P340      | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing                                   |
| P305+P351+P338 | IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing |
| P308+P313      | IF exposed or concerned: Get medical advice/attention                                                                             |
| P310           | Immediately call a POISON CENTER or doctor/physician                                                                              |
| P363           | Wash contaminated clothing before reuse                                                                                           |
| P370+P378      | In case of fire: Use Water spray, CO2, dry chemical, or alcohol resistant foam to extinguish                                      |
| P403+P235      | Store in a well-ventilated place. Keep cool.                                                                                      |
| P501           | Dispose of contents/container to an approved waste disposal plant                                                                 |

|                                                      |
|------------------------------------------------------|
| <b>3. COMPOSITION AND INFORMATION ON INGREDIENTS</b> |
|------------------------------------------------------|

| Chemical Name        | CAS No   | Weight-% |
|----------------------|----------|----------|
| 1-Methoxy-2-propanol | 107-98-2 | 70-90    |
| Ethanolamine         | 141-43-5 | 3-9      |

|                              |
|------------------------------|
| <b>4. FIRST AID MEASURES</b> |
|------------------------------|

**First Aid Measures**

|                    |                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ingestion:</b>  | If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. |
| <b>Eyes:</b>       | Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.                                                    |
| <b>Skin:</b>       | Wash off with soap and plenty of water. Consult a physician.                                                                              |
| <b>Inhalation:</b> | If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.                           |

**Most important symptoms and effects**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

Treat symptomatically

**5. FIREFIGHTING MEASURES****Suitable extinguishing media:**Water fog, Multipurpose foam, Dry chemical, CO<sub>2</sub>**Unsuitable extinguishing media:**

Do not use a solid water stream as it may scatter and spread fire.

**Specific hazards in case of fire:**

Fight as volatile liquid fire

Flashback fires may occur

Vapors are dense and may travel to remote ignition source

**Hazardous combustion products:**

Carbon oxides, Nitrogen oxides, organic combustion products which may be toxic and/or irritating

**Protective equipment and precautions for fire fighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions:**

Wear chemical goggles, gloves, boots and protective clothing. Wear respirator if necessary. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition and heat.

**Environmental precaution:**

Prevent additional discharge of material. Prevent material from entering sewers or water courses.

**Methods and materials for containment and cleaning up:**

Absorb small spills with sand, filter-aid, vermiculite or other inert absorbent material, then place in a chemical waste container. For large spills, contain with sand or earth dikes. Dispose of waste in accordance with applicable government regulations.

**7. HANDLING AND STORAGE****Precautions for safe handling:**

Avoid contact with eyes. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing and eye/face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Unscrew all caps slowly. Do not unscrew entirely until all pressure has been completely released. Keep away from heat/sparks/open flames/hot surfaces. Emptied containers may retain residues. Precautions apply to emptied containers.

**Conditions for safe storage, including incompatibilities:**

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep storage temperature between 4-32 °C (40-90 °F). Incompatible with strong oxidizing agents, strong acids, strong bases, alkali metals and halogens.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION****Exposure Guidelines:**

| Chemical Name and CAS#           | ACGIH TLV                     | OSHA PEL                                                                                   | NIOSH IDLH                                                                                 |
|----------------------------------|-------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| 1-Methoxy-2-propanol<br>107-98-2 | TWA: 100 ppm<br>STEL: 150 ppm | TWA: 100 ppm<br>TWA: 360 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 540 mg/m <sup>3</sup> | TWA: 100 ppm<br>TWA: 360 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 540 mg/m <sup>3</sup> |
| Ethanolamine<br>141-43-5         | TWA: 3 ppm<br>STEL: 6 ppm     | TWA: 3 ppm<br>TWA: 8 mg/m <sup>3</sup><br>STEL: 6 ppm<br>STEL: 15 mg/m <sup>3</sup>        | TWA: 3 ppm<br>TWA: 8 mg/m <sup>3</sup><br>STEL: 6 ppm<br>STEL: 15 mg/m <sup>3</sup>        |

**Appropriate engineering controls**

Apply technical measures to comply with the occupational exposure limits. Local exhaust and mechanical ventilations are recommended to be used as engineering controls.

**Individual protection measures, such as personal protective equipment:**

- Eye/Face protection:** Safety glasses with side shields or chemical goggles must be worn.
- Skin/Body protection:** Wear protective gloves. Wear suitable protective clothing and footwear appropriate for the risk of exposure.
- Respiratory protection:** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
- General hygiene:** Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

| <u>Property</u>                         | <u>Values</u>   | <u>Remarks-Methods</u> |
|-----------------------------------------|-----------------|------------------------|
| <b>Physical state:</b>                  | Liquid          |                        |
| <b>Color:</b>                           | Colorless       |                        |
| <b>Odor:</b>                            | Amine type      |                        |
| <b>Odor threshold:</b>                  | Not determined  |                        |
| <b>pH:</b>                              | Not determined  |                        |
| <b>Melting point/freezing point:</b>    | Not determined  |                        |
| <b>Boiling point/Boiling range:</b>     | Not determined  |                        |
| <b>Flash point:</b>                     | 32.2 °C / 90 °F | Tag Closed Cup         |
| <b>Evaporation Rate:</b>                | <1              | butyl acetate = 1      |
| <b>Flammability (solid, gas):</b>       | Not determined  |                        |
| <b>Upper/lower flammability limits:</b> | Not determined  |                        |
| <b>Vapor pressure:</b>                  | Not determined  |                        |
| <b>Vapor density:</b>                   | >1              | air = 1                |
| <b>Specific gravity:</b>                | 0.93            | water = 1              |
| <b>Water solubility:</b>                | Complete        |                        |
| <b>Solubility in other solvents:</b>    | Not determined  |                        |
| <b>Partition Coefficient:</b>           | Not determined  |                        |
| <b>Auto-ignition Temperature:</b>       | Not determined  |                        |
| <b>Decomposition temperature:</b>       | Not determined  |                        |
| <b>Viscosity:</b>                       | Not determined  |                        |
| <b>VOC Content (%):</b>                 | 100%            |                        |

**VOC Content:** 7.7 lbs/gal

## 10. STABILITY AND REACTIVITY

**Reactivity:**

Not reactive under normal conditions.

**Chemical Stability:**

Stable under recommended storage conditions.

**Possibility of hazardous reactions:**

None under normal processing.

**Conditions to avoid:**

Keep out of reach of children. Keep away from heat, sparks and open flame. Keep away from contact with incompatible materials.

**Incompatible materials:**

Strong oxidizing agents

**Hazardous decomposition products:**

Carbon oxides, nitrogen oxides, thermal decomposition can lead to release of irritating and toxic gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Eye contact:** Causes eye burns

**Skin contact:** Harmful if absorbed through skin. Causes skin burns

**Inhalation:** May cause drowsiness or dizziness.

**Ingestion:** May be harmful if swallowed

**Component Information:**

| Chemical Name and CAS#           | Oral LD50             | Dermal LD50             | Inhalation LC50        |
|----------------------------------|-----------------------|-------------------------|------------------------|
| 1-Methoxy-2-propanol<br>107-98-2 | = 4,016 mg/kg ( Rat ) | >2,000 mg/kg ( Rabbit ) | = 25.8 mg/l ( Rat ) 5h |
| Ethanolamine<br>141-43-5         | = 1,089 mg/kg (Rat)   | =2,504 mg/kg (Rat)      | > 1.48 mg/l (Rat) 4 h  |

**Information on physical, chemical and toxicological effects:**

**Symptoms** Please see section 4 of this SDS for symptoms

**Delayed and immediate effects as well as chronic effects from short and long-term exposure:**

**Carcinogenicity:**

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
| None          |       |      |     |      |

**Legend****ACGIH (American Conference of Governmental Industrial Hygienists)**

A1 – Confirmed human carcinogen

A2 – Suspected human carcinogen

A3 – Confirmed animal carcinogen with unknown relevance to humans

**IARC (International Agency for Research on Cancer)**

Group 1 - Carcinogenic to Humans

Group 2A – Probably Carcinogenic to Humans

Group 2B – Limited evidence of carcinogenicity

**NTP (National Toxicology Program)**

Known - Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present

**Numerical measures of toxicity:**

Not determined

**12. ECOLOGICAL INFORMATION****Ecotoxicity:****Component Information**

| Chemical Name and CAS#           | Algae/aquatic plants                                       | Fish                                           | Toxicity to microorganisms            | Crustacea                                       |
|----------------------------------|------------------------------------------------------------|------------------------------------------------|---------------------------------------|-------------------------------------------------|
| 1-Methoxy-2-propanol<br>107-98-2 | ErC50 – Pseudokirchneriella subcapitata - >1000 mg/L – 72d | LC50 - Pimephales promelas – 20,800 mg/L – 96h | No data                               | EC50 - Daphnia magna – 21,100-25,900 mg/L – 48h |
| Ethanolamine<br>141-43-5         | EC50 – Pseudokirchneriella subcapitata – 2.5 mg/L – 72h    | LC50 – Cyprinus carpio – 349 mg/L – 96h        | EC50 – Activated sludge - >1,000 mg/L | EC50 - Daphnia magna – 65 mg/L – 48h            |

**Persistence/Degradability:**

Not determined

**Bioaccumulation:**

Not determined

**Mobility:**

Not determined

**Other Adverse Effects:**

No data available

**13. DISPOSAL CONSIDERATIONS****Disposal of Wastes:**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging:**

Dispose of as unused product in accordance with applicable regional, national and local laws and regulations.

**SECTION 14 – TRANSPORTATION INFORMATION**

**DOT**

UN number 1210  
Proper shipping name PRINTING INK RELATED MATERIAL  
Hazard class 3  
Packing group III  
ERG# 129

**IATA**

UN number 1210  
Proper shipping name PRINTING INK RELATED MATERIAL  
Hazard class 3  
Packing group III

**IMDG**

UN number 1210  
Proper shipping name PRINTING INK RELATED MATERIAL  
Hazard class 3  
Packing group III  
Marine pollutant No

**SECTION 15 – REGULATORY INFORMATION**

TSCA STATUS: All Components listed

**OTHER REGULATORY:**

| <u>Ingredient(s)</u> | <u>SARA 302</u> | <u>SARA 311/312</u> | <u>SARA 313</u> | <u>RECRA</u> | <u>CERCLA</u> |
|----------------------|-----------------|---------------------|-----------------|--------------|---------------|
| 1-Methoxy-2-propanol | No              | F, A                | No              | No           | No            |
| Ethanolamine         | No              | F, A                | No              | No           | No            |

SARA 311/312 Codes: R = Reactive Hazard  
P = Pressure Hazard  
F = Fire Hazard  
A = Immediate/Acute  
C = Delayed/Chronic

**California Prop. 65 Components:** Chemicals known to the state of California to cause birth defects or other reproductive harm:

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or any other reproductive harm.

**SECTION 16 – OTHER INFORMATION****HMIS:**

Health: 2  
Chronic Health Hazard \*  
Flammability: 3  
Reactivity: 0

**Revision Date** 14-Sept-2018  
**Replaces:** 09-Jun-2015  
**Revision Note:** Review and update. Changes to Sections 2, 4, 11, 12, 15

**Prepared by:** Thomas S. Sweet, VP

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