

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

3. COMPOSITION AND INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight-%
1-Methoxy-2-propanol	107-98-2	70-90
Ethanolamine	141-43-5	3-9

4. FIRST AID MEASURES

First Aid Measures

Ingestion:	If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Eyes:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin:	Wash off with soap and plenty of water. Consult a physician.
Inhalation:	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, CO₂

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 107-98-2	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 360 mg/m ³ STEL: 150 ppm STEL: 540 mg/m ³	TWA: 100 ppm TWA: 360 mg/m ³ STEL: 150 ppm STEL: 540 mg/m ³
Ethanolamine 141-43-5	TWA: 3 ppm STEL: 6 ppm	TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³	TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³

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>
Physical state:	Liquid	
Color:	Colorless	
Odor:	Amine type	
Odor threshold:	Not determined	
pH:	Not determined	
Melting point/freezing point:	Not determined	
Boiling point/Boiling range:	Not determined	
Flash point:	32.2 °C / 90 °F	Tag Closed Cup
Evaporation Rate:	<1	butyl acetate = 1
Flammability (solid, gas):	Not determined	
Upper/lower flammability limits:	Not determined	
Vapor pressure:	Not determined	
Vapor density:	>1	air = 1
Specific gravity:	0.93	water = 1
Water solubility:	Complete	
Solubility in other solvents:	Not determined	
Partition Coefficient:	Not determined	
Auto-ignition Temperature:	Not determined	
Decomposition temperature:	Not determined	
Viscosity:	Not determined	
VOC Content (%):	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 107-98-2	= 4,016 mg/kg (Rat)	>2,000 mg/kg (Rabbit)	= 25.8 mg/l (Rat) 5h
Ethanolamine 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 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 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
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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
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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

SDS# 0101-09

SAFETY DATA SHEET

Revision Date: 9/14/2018

Revision Date 14-Sept-2018

Replaces: 09-Jun-2015

Revision Note: Review and update. Changes to Sections 2, 4, 11, 12, 15

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