

INKCUPS NOW
Material Safety Data Sheet

A-UR1 Thinner
09/06/07

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: A-UR1 Thinner
Generic ID: Solvent Blend

Company

INKCUPS NOW
PO Box 173
Swampscott, MA 01907

Emergency Telephone Number:

Chemtrec 800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS Number	% (by weight)
AROMATIC HYDROCARBONS	64742-95-6	65.0 – 70.0
PROPYLENE GLYCOL MONOMETHYL ETHER	107-96-2	20.0 – 25.0
TRIMETHYLBENZENE	25551-13-7	5.0 - 10
PROPYLBENZENE	103-65-1	1.0 – 5.0

3. HAZARDS IDENTIFICATION

Potential Health Effects

Eye

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin

May cause mild skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and cracking of skin, and skin burns. Passage of this material into the body through the skin is possible, but it is unlikely that this would result in harmful effects during safe handling and use.

Swallowing

Swallowing small amounts of this material during normal handling is not unlikely to cause harmful effects. Swallowing large amounts may be harmful.

Inhalation

Breathing of vapor or mist is possible. Breathing this material may be harmful. Symptoms usually occur at air concentrations higher than recommended limits (see Section 8). Breathing air containing n-butyl acetate, which results from its use in aerosol application, may cause delayed lung injury.

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MSDS

Symptoms of Exposure

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness), narcosis (dazed or sluggish feeling)

Target Organ Effects

Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals: mild, reversible liver effects, mild, reversible kidney effects, nasal damage.

Developmental Information

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain. When tested separately, a minor component of the propylene glycol monomethyl ether acetate (2-methoxy-1-propyl acetate) caused birth defects in experimental animals in one study but not in another. However, the commercial grade acetate containing the minor component did not cause birth defects.

Cancer Information

There is no information available. The chance of this material causing cancer is unknown. This material is not listed as a carcinogen by the International Agency for Research on Cancer, the National Toxicology Program, or the Occupational Safety and Health Administration.

Other Health Effects

No data

Primary Route(s) of Entry

Inhalation, Skin absorption, Skin contact, Eye contact, Ingestion

4. FIRST AID MEASURES**Eyes**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control centers for advice about whether to induce vomiting. If possible, do not leave individual unattended. Give individual two glasses of milk or water to drink. If symptoms develop, seek medical attention.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

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Note to Physician

This material is an aspiration hazard. Potential danger from aspiration must be weighed against oral toxicity (see Section 3 – Swallowing) when deciding whether to induce vomiting. Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: respiratory tract, skin, lung, (for example asthma-like conditions), liver, kidney, blood-forming systems, eye.

5. FIRE FIGHTING MEASURES**Flash Point**

80.0-90.0 F (26.6 – 32.2 C) TCC

Explosive Limit

(for product) Lower 1.0

Autoignition Temperature

No Data

Hazardous Products of Combustion

May form: carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and Explosion Hazards

Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

Extinguishing Media

Regular foam, carbon dioxide, dry chemical.

Fire Fighting Instructions

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protection equipment. Refer to the personal protective equipment section of this MSDS.

NFPA Rating

Health – 1, Flammability – 3, Reactivity – 0

6. ACCIDENTAL RELEASE MEASURES**Small Spill**

Absorb liquid on veremiculite, floor absorbent, or other absorbent material and transfer to hood.

Large Spill

Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

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7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of the potential exposure. Warning. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperatures and pressure, or sudden ingress of air into vacuum equipment, may result in ignition without the presence of obvious sources. Published "autoignition" or "ignition" temperature values cannot be treated as safe operating temperatures in chemical processes without analysis of the actual process conditions. Any use of this product in elevated temperature processes should be thoroughly evaluated to established and maintain safe operating conditions.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protections

If workplace exposure limit(s) of product or any component is exceeded (see exposure guidelines), a NIOSH/MSH approved air supplied respirators is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s)

Exposure Guidelines

Component

AROMATIC PETROLEUM DISTILLATES (64742-95-6)

No exposure limits established

PROPYLENE GLYCOL MONOMETHYL ETHER(107-96-2)

OSHA PEL 100.000 ppm – TWA

OSHA VPEL 150.000 ppm –TWA (skin)

ACGIH TLV 150.000 ppm - TWA (skin)

TRIMETHYL BENZENE (25551-13-7)

OSHA PEL 25.000 ppm – TWA

OSHA VPEL 25.000 ppm –TWA

OSHA VPEL 25.000 ppm - STEL

ACGIH TLV 25.000 ppm - TWA

PROPYLBENZENE

No exposure limits established

9. PHYSICAL AND CHEMICAL PROPERTIES**Boiling Point**

(for product) 117 degrees C @ 760 mmHg

Vapor Pressure

(for component) 8.400 mmHg

Specific Vapor Pressure

>1.000 @ AIR = 1

Specific Gravity

.66 @ 77.00 F

Liquid Density

7.560 lbs/gal @ 68.00 F

.909 kg/l @ 25.00 C

Percent Volatiles

100.0 %

Evaporation Rate

SLOWER THAN ETHYL ETHER

Appearance

Colorless Liquid

State

Liquid

Physical Form

HOMOGENEOUS SOLUTION

Color

No data

Odor

No data

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pH

No data

10. STABILITY AND REACTIVITY**Hazardous Polymerization**

Product will not undergo hazardous polymerization

Hazardous Decomposition

May form: carbon dioxide and monoxide, various hydrocarbons.

Chemical Stability

Stable.

Incompatibility

Avoid contact with: acids, alkalies, strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

No Data

12. ECOLOGICAL INFORMATION

No data

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable local, state and federal regulations. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. For assistance with your waste management needs – including disposal, recycling and waste stream reduction, contact Distribution Company, IC & S Environmental Services Group at 800-637-7922.

14. Transport Information**DOT Information – 49 CFR 172.101****DOT Description:**

PAINT RELATED MATERIAL, 3, UN1263, III

Container/Mode:

55 GAL DRUM/TRUCK PACKAGE

NOS Component:

None

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RQ (Reporatable Quantity) – 49 CFR 172.101

Product Quantity (lbs)	Component
16434	AROMATIC HYDROCARBONS PROPYLENE GLYCOL MONOMETHYL ETHER TRIMETHYLBENZENE PROPYLBENZENE

15. REGULATORY INFORMATION**US Federal Regulations****TSCA (Toxic Substances Control Act) Status**

TSCA (UNITED STATES) The intentional ingredients of this product are listed

CERCLA RQ – 40 CFR 302.4 (a)

Component	RQ (lbs.)
PROPYLENE GLYCOL MONOMETHYL ETHER	5000

SARA 302 Components – 40 CFR 355 Appendix A

None

Section 311/312 Hazard Class – 40 CFR 370.2

Immediate (X) Delayed (X) Fire (X) Reactive() Sudden Release of Pressure()

SARA 313 Components – 40CFR 372.65

Section 313 Components	CAS Number	%
1,2,4 – TRIMETHYLBENZENE	95-63-6	17.64

OSHA Process Safety Management 29 CFR 1910

None Listed

EPA Accidental Releases Prevention 40 CFR 68

None Listed

International Regulations**Inventory Status**

ACQIN (Australia) the intentional ingredients of this product are listed.

DSL (Canada) the intentional ingredients of this product are listed.

ECL (South Korea) the intentional ingredients of this product are listed.

EINECS (EUROPE) the intentional ingredients of this product are listed.

ENCS (Japan) the intentional ingredients of this product are listed.

State and Local Regulations**CALIFORNIA PROPOSITION 65**

The following statement is made in order to comply with California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of California to cause cancer. BENZENE

The following statement is made in order to comply with California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains the following substance known to the state of California to cause reproductive harm. BENZENE, TOLUENE

New Jersey RTK Label Information

CYCLOHEXANONE	108-94-1
N-BUTYL ACETATE	123-86-4
PSEUDOCUMENE	95-63-6
1,3,5-TRIMETHYLBENZENE	108-67-8

Pennsylvania RTK Label Information

CYCLOHEXANONE	108-94-1
PSEUDOCUMENE	95-63-6
ACETIC ACID, BUTYL ESTER	123-86-4

16. OTHER INFORMATION

The information accumulated is believed to be accurate but is not warranted to be whether originated with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.