1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: Protech Chemicals, Ltd
Liquid Coatings Division
361 West 11th street
Erie, PA 16501-1703

INFORMATION PHONE: 814-456-1243
EMERGENCY PHONE: CHEMTREC 800-242-9300 (US) Day or night
International Call Collect CHEMTREC 202-483-7616

PRODUCT NAME: DURATOP ACW CLEAR W-2135A
PRODUCT NUMBER: W-2135A
UPC NUMBER:
PREPARED BY: Protech Chemicals, Ltd
DATE PREPARED: 4/3/2014
LAST REVISION: 4/3/2014
SYNONYMS: W-2135A CLEAR

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name | CAS # | Weight % | OSHA PEL | ACGIH TLV | SARA 313
--- | --- | --- | --- | --- | ---
2-BUTOXY ETHANOL | 111762 | < 12.00 | PEL = 50 ppm(240mg/M3) (SKIN) | TLV = 25ppm(121 mg/M3) SKIN | Yes
2-PYRROLIDINONE, 1-METHYL- | 872504 | < 0.50 | N/A | N/A | Yes
CHROMIUM | 7440473 | 0.055 | PEL = 1mg/M3 | TLV = 0.5mg/M3 as CHROMIUM | Yes
1-PROPANOL, 2-AMINO-2-METHYL- | 124685 | < 0.40 | N/A | N/A | No
TRIETHYLAMINE | 121448 | < 0.10 | PEL = 25 ppm(100mg/M3) | STEL = 5 ppm(20.7 mg/M3) TLV = 1ppm(4.1 mg/M3) SKIN | Yes

3. HAZARDOUS IDENTIFICATION
EMERGENCY OVERVIEW:

POTENTIAL HEALTH EFFECTS

EYE CONTACT: No hazard in normal industrial use.
INHALATION: No hazard in normal industrial use.
INGESTION: No hazard in normal industrial use.
SKIN CONTACT: No hazard in normal industrial use.

SIGNS AND SYMPTOMS OF EXPOSURE:
N/A
4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists.

AGGRAVATED MEDICAL CONDITIONS:

SUPPLEMENTAL HEALTH INFORMATION:

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: 150°F

AUTOIGNITION: None

FLASH POINT METHOD USED: Setaflash

LEL: 1.1

UEL: 12.7

EXTINGUISHING MEDIA:

Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

SPECIAL FIRE FIGHTING PROCEDURES:

Normal Procedures may be used.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Container may burn and leak in heat of fire.

COMBUSTION PRODUCTS:

N/A

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Contains Ammonia! Do not let spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with inert material, sweep or scrape up and containerize. Rinse affected area thoroughly with water.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Wash thoroughly after each handling! Keep from freezing! Protect container from physical damage! For industrial use only! Keep out of the reach of children!
OTHER PRECAUTIONS:
Handle in accordance with good industrial practices. Wash hands and face before eating, drinking or smoking.

8. EXPOSURE CONTROL/PERSOAL PROTECTION

RESPIRATORY PROTECTION:
N/A

VENTILATION:
Provide exhaust ventilation sufficient to keep the airborne concentration of this product below its exposure limits. Exhaust air may need to be cleaned by scrubbers or filters to reduce environmental contamination.

PROTECTIVE GLOVES:
N/A

EYE PROTECTION:
Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
N/A

WORK / HYGENIC PRACTICES:
Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:
No special ventilation requirements.

EXPOSURE GUIDELINES:

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Soluble

APPEARANCE AND ODOR: Slightly yellow liquid with amine odor

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>194 - 396°F</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt; 1.00</td>
</tr>
<tr>
<td>Evaporation</td>
<td>&lt; 1.0 (BU. ACET. =1.0)</td>
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<tr>
<td>Pounds per Gallon</td>
<td>8.45</td>
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<tr>
<td>Specific Gravity</td>
<td>1.01 ± 0.20</td>
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<tr>
<td>Melting Point</td>
<td></td>
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<tr>
<td>Freezing Point</td>
<td>32°F</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>12.85 ± 2 (-H2O)</td>
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<tr>
<td>pH</td>
<td>9.00 ± 0.30</td>
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<tr>
<td>Molecular Weight</td>
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</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier Than Air</td>
</tr>
<tr>
<td>OTHER PROPERTIES</td>
<td>VOC: 3.60 ± 0.30</td>
</tr>
</tbody>
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10. STABILITY AND REACTIVITY
STABLE:
Stable

INCOMPATIBILITY:
None Known

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:
None

HAZARDOUS POLYMERIZATION:
Will Not Occur

11. TOXICOLOGY INFORMATION

12. ECOLOGICAL INFORMATION
Keep out of waterways

13. DISPOSAL CONSIDERATIONS
The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT CLASS: Non Regulated
HAZARD CLASS:
UN NUMBER:
PACKING:
GUIDE NUMBER:
PROPER SHIPPING NAME: Non Regulated

15. REGULATORY INFORMATION
No information available.

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