

# SAFETY DATA SHEET

Cap cleaning liquid A

IP6-272

**OKI DATA INFOTECH CORPORATION**



Suitable extinguishing media: Water spray  
Alcohol-resistant foam  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)

Unsuitable Extinguishing Media  
None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Exposure to combustion products may be a hazard to health.  
Hazardous combustion products: Carbon oxides

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.  
Use personal protective equipment.  
Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
Use water spray to cool unopened containers.  
Remove undamaged containers from fire area if it is safe to do so.  
Evacuate area.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Follow safe handling advice and personal protective equipment recommendations.

6.2 Environmental precautions

Environmental precautions: Discharge into the environment must be avoided.  
Prevent further leakage or spillage if safe to do so.  
Prevent spreading over a wide area (e.g. by containment or oil barriers).  
Retain and dispose of contaminated wash water.  
Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up: Soak up with inert absorbent material.  
For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.  
Clean up remaining materials from spill with suitable absorbent.  
Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.  
Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Technical measures: See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.  
Local/Total ventilation: Use only with adequate ventilation.  
Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.  
Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**7.2 Conditions for safe storage, including any incompatibilities**

|  |   |
|--|---|
| Requirements for storage areas and containers: | Keep in properly labelled containers. Store in accordance with the particular national regulations. |
| Advice on common storage:                      | Do not store with the following product types:<br>Strong oxidizing agents                           |

**7.3 Specific end use(s)**

|                  |                   |
|------------------|-------------------|
| Specific use(s): | No data available |
|------------------|-------------------|

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

Contains no substances with occupational exposure limit values.

**8.2 Exposure controls**

|                       |   |
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| Engineering measures: | Ensure adequate ventilation, especially in confined areas.<br>Minimize workplace exposure concentrations. |
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**Personal protective equipment**

|                 |  |
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| Eye protection: | Wear the following personal protective equipment: Safety glasses |
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**Hand protection**

Remarks: Wash hands before breaks and at the end of workday.

|                           |                                      |
|---------------------------|--------------------------------------|
| Skin and body protection: | Skin should be washed after contact. |
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| Hygiene measures: | Ensure that eye flushing systems and safety showers are located close to the working place.<br>When using do not eat, drink or smoke.<br>Wash contaminated clothing before re-use. |
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|                        |   |
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| Respiratory protection | General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection. |
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**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

|  |                                     |
|--|-------------------------------------|
| Appearance:                              | liquid                              |
| Color:                                   | colorless                           |
| Odor                                     | solvent-like                        |
| Odor Threshold:                          | No data available                   |
| pH:                                      | No data available                   |
| Melting point/freezing point:            | No data available                   |
| Initial boiling point and boiling range: | No data available                   |
| Flash point:                             | 114°C<br>Method: Cleveland open cup |
| Evaporation rate:                        | No data available                   |
| Flammability (solid, gas)                | Not applicable                      |
| Upper explosion limit:                   | 10.7 %(V)                           |
| Lower explosion limit:                   | 0.7 %(V)                            |

|  |   |
|--|---|
|  | ( 93 °C)                                      |
| Vapour pressure:                           | No data available                             |
| Relative vapour density:                   | No data available                             |
| Density:                                   | 0.98-1.02g/cm <sup>3</sup>                    |
| Water solubility:                          | 65 g/l partly soluble                         |
| Partition coefficient:<br>n-octanol/water: | Not applicable                                |
| Auto-ignition temperature:                 | No data available                             |
| Thermal decomposition:                     | No data available                             |
| Viscosity, dynamic:                        | No data available                             |
| Explosive properties:                      | Not explosive                                 |
| Oxidizing properties:                      | The substance is not classified as oxidizing. |

## 9.2 Other information

No data available

**10. STABILITY AND REACTIVITY**

## 10.1 Reactivity

Not classified as a reactivity hazard.

## 10.2 Chemical stability

Stable under normal conditions.

## 10.3 Possibility of hazardous reactions

Hazardous reactions: Can react with strong oxidizing agents.

## 10.4 Conditions to avoid

Conditions to avoid: None known.

## 10.5 Incompatible materials

Materials to avoid: Oxidizing agents

## 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

**11. TOXICOLOGICAL INFORMATION**

## 11.1 Information on toxicological effects

|   |  |
|---|--|
| Information on likely routes of exposure: | Inhalation, Skin contact, Ingestion, Eye contact   |
| Acute toxicity:                           | Not classified based on available information.   |
| Skin corrosion/irritation:                | Not classified based on available information.   |
| Serious eye damage/eye irritation:        | Not classified based on available information.   |
| Respiratory or skin sensitization:        | Skin sensitisation: Not classified based on available information.<br>Respiratory sensitisation: Not classified based on available information.          |
| Germ cell mutagenicity:                   | Not classified based on available information.   |
| Carcinogenicity                           | Not classified based on available information.   |
| IARC                                      | No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| ACGIH                                     | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.            |
| OSHA                                      | No ingredient of this product present at levels greater than or  |



|                           |  |
|---------------------------|--|
|                           | equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.   |
| NTP                       | No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. |
| Reproductive toxicity     | Not classified based on available information.   |
| STOT - single exposure:   | Not classified based on available information.   |
| STOT - repeated exposure: | Not classified based on available information.   |
| Aspiration toxicity:      | Not classified based on available information.   |

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

Not relevant

### 12.6 Other adverse effects

No data available

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

Dispose of in accordance with local regulations.

### Contaminated packaging:

Dispose of as unused product.

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORT INFORMATION

### International Regulation

|  |   |
|--|---|
| UNRTDG   | Not regulated as a dangerous good       |
| IATA-DGR   | Not regulated as a dangerous good       |
| IMDG-Code  | Not regulated as a dangerous good       |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable for product as supplied. |

### Domestic regulation

|        |                                   |
|--------|-----------------------------------|
| 49 CFR | Not regulated as a dangerous good |
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## 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know

#### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: No SARA Hazards

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313:

2-(2-butoxyethoxy)ethyl acetate 124-17-4 >95%

#### US State Regulations

##### Pennsylvania Right To Know

2-(2-butoxyethoxy)ethyl acetate 124-17-4 >95%

##### New Jersey Right To Know

2-(2-butoxyethoxy)ethyl acetate 124-17-4 >95%

##### California Prop 65

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

##### NFPA Hazard Rating

Health (0), Flammability (1), Instability(0), Other (0)

##### HMIS Hazard Rating

Health (0), Flammability (1), Physical Hazard (0), Other (0)

## 16. OTHER INFORMATION

### Further information

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their in-tended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.