

# MATERIAL SAFETY DATA SHEET

## ACE BRUSH CLEANER

<b>HEALTH</b>		<b>2</b>	
<b>FLAMMABILITY</b>		<b>3</b>	
<b>PHYSICAL HAZ.</b>		<b>0</b>	
<b>PPE</b>	<b>G</b>		



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### 1. Product and Company Identification

**Product Code:** 805.20D  
**Product Name:** ACE BRUSH CLEANER  
**Reference #:** 805.20D  
**Company Name:** ACE

### 2. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA TWA	ACGIH TWA	Other Limits
1. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	1.0 -10.0 %	No data.	No data.	No data.
2. Dichloromethane {Methylene chloride}	75-09-2	1.0 -3.0 %	25 ppm	50 ppm	No data.
3. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	20.0 -60.0 %	200 ppm	200 ppm	No data.
4. Toluene {Benzene, Methyl-; Toluol}	108-88-3	1.0 -40.0 %	200 ppm	50 ppm	No data.
5. Tall oil acids	61790-12-3	1.0 -20.0 %	No data.	No data.	No data.
6. Potassium hydroxide	1310-58-3	1.0 -10.0 %	100 ppm	5 ppm	No data.
7. Ethanol, 2-Amino- {Ethanolamine; beta-Aminoethyl alcohol}	141-43-5	1.0 -5.0 %	3 ppm	3 ppm	No data.
Stoddard solvent {Mineral spirits; White spirits}	8052-41-3	20.0 -80.0 %	500 ppm	100 ppm	No data.
9. Acetone	67-64-1	15.0 -30.0 %	1000 ppm	500 ppm	No data.
10. Ethyl 3-ethoxypropionate {Popanoic acid, 3-ethoxy-,ethyl ester}	763-69-9	10.0 -50.0 %	No data.	No data.	No data.

Hazardous Components (Chemical Name)	CAS #	OSHA STEL	OSHA CEIL	ACGIH STEL	ACGIH CEIL
1. N-Methyl-2-Pyrrolidone {2-Pyrrolidinone, 1-Methyl-}	872-50-4	No data.	No data.	No data.	No data.
2. Dichloromethane {Methylene chloride}	75-09-2	125 ppm (15 min)	No data.	No data.	No data.
3. Methanol {Methyl alcohol; Carbinol; Wood alcohol}	67-56-1	No data.	No data.	250 ppm	No data.
4. Toluene {Benzene, Methyl-; Toluol}	108-88-3	500 ppm/(10min)	300 ppm	No data.	No data.
5. Tall oil acids	61790-12-3	No data.	No data.	No data.	No data.
6. Potassium hydroxide	1310-58-3	No data.	No data.	No data.	2 mg/m3
7. Ethanol, 2-Amino- {Ethanolamine; beta-Aminoethyl alcohol}	141-43-5	No data.	No data.	6 ppm	No data.
8. Stoddard solvent {Mineral spirits; White spirits}	8052-41-3	No data.	No data.	No data.	No data.
9. Acetone	67-64-1	No data.	No data.	750 ppm	No data.
10. Ethyl 3-ethoxypropionate {Popanoic acid, 3-ethoxy-,ethyl ester}	763-69-9	No data.	No data.	No data.	No data.

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**Chronic Exposure Effects:**

Reports have associated repeated and prolonged overexposure to solvents with neurological and other physiological damage. Prolonged skin contact may result in absorption of a harmful amount of this material. Prolonged or repeated contact may cause dermatitis. May cause weakness, skin irritation, nausea, numbness in hands and feet, permanent central nervous system changes, some loss of memory, gastric disturbances, giddiness, insomnia, brain damage, bone marrow damage, liver damage, kidney damage, hallucinations, blood disorders, irregular heartbeat, jaundice, anemia, inflammation, redness, eye irritation, pancreatic damage, visual impairment or blindness.

Prolonged or repeated contact may cause drying and cracking of skin. Repeated overexposure may cause red blood cell hemolysis.

**Signs and Symptoms Of Exposure**

Inhalation, ingestion, and dermal.

**Medical Conditions Generally Aggravated By Exposure**

Diseases of the skin, eyes, liver, kidneys, lungs, cardiovascular system, respiratory system, asthma, blood, inflammatory or fibrotic pulmonary disease, alcoholism, and rhythm disorders of the heart.

**4. First Aid Measures**

**Emergency and First Aid Procedures**

**Inhalation:**

If user experiences breathing difficulty, move to air free of vapors. Administer oxygen or artificial respiration until medical assistance can be rendered.

**Skin Contact:**

Irritation may result. Immediately wash with soap and water. Seek medical attention if irritation from contact persists.

**Eye Contact:**

Immediately flush with water, remove any contact lenses, continue flushing with water for at least 15 minutes, then get medical attention.

**Ingestion:**

Call you local poison control center, hospital emergency room, or physician immediately for instructions.

**Note to Physician**

Poison. This product contains methanol.

Methanol is metabolized to formaldehyde and formic acid. These metabolites may cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used as an antidote. Methanol is effectively removed by hemodialysis.

Call your local poison control center for further information.

**5. Fire Fighting Measures**

**Flammability Classification:**

OSHA Class IB

**Flash Pt:**

4.00 F Method Used: TAG Closed Cup

**Explosive Limits:**

LEL: 1.00 UEL: No data.

**Fire Fighting Instructions**

Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up. Stay away from heads of containers that have been exposed to intense heat or flame.

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**Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.

**Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

**EPA Hazard Categories:**

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

- Yes  No Acute (immediate) Health Hazard
- Yes  No Chronic (delayed) Health Hazard
- Yes  No Fire Hazard
- Yes  No Sudden Release of Pressure Hazard
- Yes  No Reactive Hazard

**16. Other Information**

**Company Policy or Disclaimer**

The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.