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 Section I - IDENTIFICATION  
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Eutectic Canada Inc.  
 52 Hymus Boulevard, Suite 220  
 Pointe Claire, Quebec  
 H9R 1C9

Emergency Telephone: (514) 695-7500  
 Product Name: Autochem Flux E-100  
 AWS Standard Terminology: Welding Flux  
 WHMIS Classification: D2-B Other Toxic Effects

Transportation of Dangerous Goods: Not Applicable

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 Section II - HAZARDOUS INGREDIENTS  
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Ingredient	Range wt%	CAS Number	Exposure Limit mg/m3
Boric acid	15-40	10043-35-3	10
Potassium borate	10-30	1332-77-0	Not listed
Potassium bifluoride	10-30	7789-29-9	2.5 (fluoride)
Sodium borate	10-30	1303-96-4	1

Contains no other hazardous ingredients.

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 Section III - PHYSICAL / CHEMICAL CHARACTERISTICS  
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The following data should only be used in the context of the Material Safety Data Sheet.

Physical State: Paste  
 Appearance and Odour: White paste, slight odour

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 Section IV - FIRE AND EXPLOSION DATA  
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Flammable: No

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Section V - REACTIVITY  
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Level of stability: Stable  
Hazardous Polymerization: Will not occur

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Section VI - HEALTH HAZARD DATA  
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Route of Entry/Exposure: Skin / eye contact, inhalation, ingestion.  
Short and Long Term Effects: Inhalation of fumes may cause respiratory track irritation. Skin may become sensitized from prolonged contact. Poison by ingestion.

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Section VII - EMERGENCY FIRST AID  
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Eyes and skin: Rinse thoroughly with clear water.  
Inhalation: Remove to well ventilated area. Obtain medical assistance if necessary.  
Ingestion: Poison. Obtain medical assistance.

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Section VIII - PREVENTIVE MEASURES  
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Personal protective equipment: Use CSA approved respirator for protection against fumes. Wear protective goggles and chemical resistant gloves.

Storage and handling: Keep in tightly closed glass or plastic containers. Do not store near open flame.

Steps to be taken if material is released or spilled: Avoid skin or eye contact. Absorb with an inert material.

Waste Disposal Method: Prevent waste from contaminating environment. Disposal should be in accordance with local, provincial and federal regulations.

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Section IX - PREPARATION OF MATERIAL SAFETY DATA SHEET  
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Prepared by: Director of Products and Services  
Contact number: 514-695-7500  
Date prepared: 30/09/99  
Date revised: 30/09/07