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 Section I - IDENTIFICATION
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Eutectic Canada Inc.
 428 Aimé-Vincent
 Vaudreuil-Dorion, Québec
 J7V 5V5

Emergency Telephone: (514) 695-7500

Product Name: Alutin Flux 51
 AWS Standard Terminology: Welding Flux
 WHMIS Classification: E - Corrosive

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
Aminoethylethanol amine	30-60	111-41-1	Not listed
Ammonium fluoroborate	15-40	13826-83-0	2.5
Zinc oxide	10-30	1314-13-2	5

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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: Liquid
 Specific Gravity: 1.38
 Appearance and Odour: Viscous brown liquid; ammonia odour
 Boiling Point (0 deg C): 230 deg C (450 deg F)
 Solubility (water @ 20 deg C): 100%

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 Section IV - FIRE AND EXPLOSION DATA
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Flammable: Yes, if exposed to open flame.
 Extinguishing Media: Water or dry chemical.
 Flash Point: 124 deg C

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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 contact, eye contact, inhalation.
Short and Long Term Effects: Inhalation of fumes may cause respiratory track irritation or burn from prolonged contact.

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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.

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Section VIII - PREVENTIVE MEASURES
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Personal protective equipment: Use NIOSH approved respirator for protection against fumes in confined areas or where local exhaust or ventilation does not keep exposure below the recommended exposure limit. Wear protective goggles and chemical resistant gloves. Refer to CSA W117.2 - Safety in Welding and Cutting - for further information.

Storage and handling: Keep flux solutions 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. Liquid should be absorbed 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: 30/09/10
Expiration Date: 30/09/2013