

WELD - AID PRODUCTS

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MATERIAL SAFETY DATA SHEET

I - IDENTIFICATION

PRODUCT NAME: HEAVY DUTY NOZZLE DIP GEL
MATERIAL DESCRIPTION: Non - Hazardous Blend
CHEMICAL FAMILY: Not Applicable

PRODUCT CODE: 007094,007095
REVISION DATE: 04/29/2010

II - PRODUCT AND COMPONENT DATA

COMPONENTS	CAS REGISTRY NO.	%	ACGIH TLV - TWA
1. Dihydrogen Oxide (water)	007732 - 18 - 5	>85%	None Known
2. Modified Fatty Alkanolamide	None	<15%	None Known
3. Tetra Ethylene Diamine Tetracetate	64 - 02 - 8	Trace	None Known

III - PHYSICAL DATA

APPEARANCE AND COLOR: Amber-clear gel, no appreciable odor
BOILING POINT: 212°F
VAPOR PRESSURE: 17.5 mm Hg @ 20°C (water)
EVAPORATION RATE: 1 mg/1 (water)
MELTING POINT: Not Applicable
MATERIAL IS: Liquid

SPECIFIC GRAVITY: 1.0
VAPOR DENSITY IN AIR: 17.3 GM-3 (water)
% VOLATILE BY VOLUME: Not Applicable
SOLUBILITY: 100% in water @ 25°C
% SOLID: Not Applicable

IV - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS DECOMPOSITION PRODUCTS: None
CONDITIONS TO AVOID: None

INCOMPATIBILITY: Oxidizers, alkalies, acids
HAZARDOUS POLYMERIZATION: Will not occur

V - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): Not Applicable
EXTINGUISHING AGENTS: Water, foam, dry chemical
Carbon dioxide (CO2)
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

FLAMMABLE LIMITS IN AIR: Not Applicable

VI - TOXICITY AND FIRST AID

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known

ACUTE TOXICITY:

INHALATION - None Known
SKIN: None Known
EYES: Eye irritant (modified fatty alkanolamide)
INGESTION: May cause nausea (modified fatty alkanolamide)
CHRONIC TOXICITY: None Known

FIRST AID:

INHALATION: Not Applicable
SKIN: Flush with large quantities of water.
EYE: Flush eyes immediately with water.
INGESTION: Give large quantities of water.

NOTE TO PHYSICIAN: None

VII - STORAGE AND HANDLING PRECAUTIONS

None

VIII - PERSONAL PROTECTION AND CONTROLS

RESPIRATORY PROTECTION: No special requirements.
VENTILATION: No special requirements.
SKIN PROTECTION: Protective gloves, apron
EYE PROTECTION: Wear safety glasses or splash goggles.
OTHER CONTROL MEASURES: Safety shower and eyewash station should be available.

IX - SPILL, LEAK AND DISPOSAL PRACTICES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb with an inert ingredient such as sand, earth or vermiculite and dispose of in accordance with federal, state and local regulations.

WASTE DISPOSAL METHOD: Consult with federal, state or local authorities for approved procedures.

X - NFPA RATING

0 = Least	1 = Slight	2 = Moderate	3 = High	4 = Extreme
HEALTH		FIRE	REACTIVITY	
		NO RATING		Water
1		0	0	Modified fatty alkanolamide
		NO RATING		Tetra ethylene diamine tetracetate

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