

MATERIAL SAFETY DATA SHEET

L-106E

NFPA Hazard Rating

Flammability		
Health	<div style="border: 1px solid black; width: 40px; height: 40px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> <div style="border-right: 1px solid black; border-bottom: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">2</div> <div style="border-bottom: 1px solid black; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">0</div> </div>	Reactivity
COR		

0 = Minimum 1 = Light 2 = Moderate 3 = Serious 4 = Extreme

Section 1 - Product Identification

J. WALTER COMPANY LTD. 5977 Transcanada Highway Pointe-Claire, Quebec H9R 1C1 Emergency: CANUTEC (613) 996-6666	Trade name: ALUSTAR 300 Product description: Heavy duty alkaine cleaner/degreaser for ferrous and non-ferrous alloys Order no.: 53-G 757, 53-G 758 WHMIS Classification: E, D2B Controlled under WHMIS: Yes	
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Section 2 - Hazardous Ingredients

<u>Ingredients</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>LD₅₀RAT</u>	<u>LC₅₀RAT</u>
Sodium Metasilicate	6834-92-0	5-10	800 mg/kg	N/Av
Alanine, N,N-bis(carboxymethyl)-, trisodium salt	164462-16-2	0.5-1.5	>2000 mg/kg	N/Av

Section 3 - Physical / Chemical Characteristics

Physical state: Liquid pH: 13 - 14 (concentrated) Density: 1,09 g/ml Evaporation rate: N/A	Odour & appearance: Characteristic, pale color Boiling point: 98°C Vapour pressure: N/A VOC (g/L): 0	Odour threshold: N/A Freezing point: 0°C Vapour density: N/A Water solubility: Soluble
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Section 4 - Fire & Explosion Hazard

Flammability: No <i>Conditions: None</i> Flashpoint: N/A Auto ignition temperature: N/A Flammable limits (%): Upper: N/A Lower: N/A	Extinguishing media: Foam, dry powder, CO ₂ . Hazardous combustion products: Carbon monoxide and dioxide Sensitivity to mechanical impact or static discharge: N/A
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Section 5 - Reactivity Data

Chemical stability: Yes *Conditions: None*
Reactivity conditions: N/A
Incompatible substances: Acids
Hazardous decomposition products: Carbon monoxide and dioxide



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Section 6 - Toxicological Data

Route of entry: Eye and skin contact, ingestion.

Acute exposure effects: Contact with skin or eyes may cause irritation or burns.

Chronic exposure effects: Cutaneous sensitization.

Exposure limits (TLV/TWA): N/A

<u>Carcinogenicity</u>	<u>Mutagenicity</u>	<u>Reproductive toxicity</u>	<u>Teratogenicity</u>	<u>Synergistic effects</u>
No	No	No	No	No

If yes to any of the above, specify:

Section 7 - Preventive Measures

Protective equipment:	Eyewear, gloves.
Handling procedures:	Normal procedure for handling corrosive products.
Waste disposal methods:	Eliminate according to Municipal, Provincial and Federal regulations.
Leak/spill procedures:	Wipe up with an inert absorbent material. Rinse small quantities with water. Neutralize.
Storage requirements:	Keep container closed. Protect from freezing.
Engineering controls:	N/A
Handling equipment:	N/A
Special shipping information:	Corrosive liquid, basic, inorganic, N.O.S. (Sodium Metasilicate), Class 8, UN3266, P.G. III

Section 8 - First Aid Measures

Skin contact:	Wash gently and carefully with warm water for 30 minutes or until product is completely off skin. Remove contaminated clothing, shoes and leather articles and wash before re-using. Consult a physician.
Eye contact:	Immediately rinse exposed eyes by maintaining eyelids opened under light warm running water for 30 minutes or until the product is eliminated. Avoid exposing the eyes or face to rinsing water. Consult a physician immediately.
Inhalation:	Remove patient to fresh air.
Ingestion:	Do not induce vomiting. Rinse mouth and drink plenty of water. Consult a physician immediately. Consult a physician if necessary.

Section 9 - Preparation of MSDS

Prepared by:	International Product Manager, Chemical Tools
Telephone:	1-888-592-5837
Date:	October 12, 2009

This data is offered in good faith as typical values and not as a product specification. No warranty, either express or implied is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

N/A - Not Applicable

N/Av - Not Available

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