

MATERIAL SAFETY DATA SHEET

CE-5

MSDS DATE: 21/08/2011

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CE-5

MANUFACTURER: CraigTec
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APPLICATION: TIG MOP WELD CLEANER

MSDS DATE: 21 August 2011

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	EC No	CAS No.	Classification	Content
TRIETHANOLAMINE	203-049-8	102-71-6	Not Available	<5%
WATER	231-791-2	7732-18-5	Not Available	75-90%
PROPRIETARY INGREDIENT(S)	Not Available	Not Available	Not Available	<5%

SECTION 3: HAZARDS IDENTIFICATION

CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008 (CLP/GHS)

This product does not meet the classification requirements of the current European legislation on classification and labelling.

CLASSIFICATION ACCORDING TO DIRECTIVE 1999/45/EC

This product does not meet the criteria for classification in accordance with Directive 1999/45/EC.

SECTION 4: FIRST AID MEASURES

- EYES:** Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
- SKIN:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
- INGESTION:** For advice, contact the UK Poisons Information Service on 0844 892 0111 or obtain medical attention. If swallowed, do not induce vomiting.
- INHALATION:** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

SECTION 5: FIRE-FIGHTING MEASURES

Fire and Explosion Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Prevent contamination of drains or waterways.

Flammability Non flammable. May evolve toxic gases (carbon/ nitrogen oxides, amines, hydrocarbons) when heated to decomposition.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), use personal protective equipment. Contain spillage, then cover / absorb spill with non-combustible absorbant material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Prevent spill entering drains or waterways.

SECTION 7: HANDLING AND STORAGE

Handeling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Storage Store in a cool, dry, well ventilated area, removed from oxidising agents, acids, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should have appropriate ventilation systems.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Stds

No exposure standard(s) allocated.

Engineering Controls Avoid inhalation. Use in well ventilated areas. Maintain vapour levels below the recommended exposure standard.

PPE

Wear splash-proof goggles and PVC or rubber gloves. When using large quantities or where heavy contamination is likely, wear: coveralls.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	COLOURLESS LIQUID
Solubility (water)	SOLUBLE
Odour	SWEET ODOUR
Specific Gravity	1 (Approximately)
pH	8 - 9 %
Volatiles	> 60 % (Water)
Vapour Pressure	18 mm Hg @ 20°C
Flammability	NON FLAMMABLE
Boiling Point	> 100°C
Explosive properties	NON EXPLOSIVE

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Material to Avoid Incompatible with oxidising agents and acids. Light and air sensitive

Hazardous Decomposition Products May evolve toxic gases (carbon/ nitrogen oxides, amines, hydrocarbons) when heated to decomposition.

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SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity Oral Toxicity: No reliable data available.
Inhalation Toxicity: No reliable data available.
Dermal Toxicity: No reliable data available.

Skin Corrosion/ Irritation

Triethanolamine has the potential to cause irritation. However, the available data is not considered sufficient for classification as a skin irritant.

Serious Eye Damage/Irritation

Triethanolamine has the potential to cause irritation. However, the available data is not considered sufficient for classification as an eye irritant.

Respiratory or Skin Sensitization

Triethanolamine has the potential to cause allergic effects. However, available data is not considered sufficient

Carcinogenicity Not classified as a carcinogen.

Aspiration Hazard Not relevant.

SECTION 12: ECOLOGICAL INFORMATION

Environment In soil and water, triethanolamine will biodegrade fairly rapidly following acclimation (half-life in the order of days to weeks). In soil, residual triethanolamine may leach to groundwater. LC50 (shrimp): > 100 ppm.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. For larger amounts, contact the manufacturer for additional information. Prevent contamination of drains or waterways as aquatic life may be threatened and environmental damage may result.

Legislation Dispose of in accordance with relevant local legislation.

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT PURPOSES

LAND TRANSPORT (ADR / RID)

Shipping Name	None Allocated
UN No.	None Allocated
Packing Group	None Allocated
DG Class	None Allocated
Hazchem Code	None Allocated
Subsidiary Risk(s)	None Allocated

SECTION 15: REGULATORY INFORMATION

HAZARD SYMBOLS

LABELLING ACCORDING TO 67/548/EEC DIRECTIVE

None Allocated

RISK PHRASES

None Allocated

SAFETY PHRASES

None Allocated

EUROPE: EINECS (European Inventory of Existing Chemical Substances)

All components are listed on EINECS.
