

MATERIAL SAFETY DATA SHEET

CE-15 Solution

MSDS DATE:15/10/14

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CE-15 Solution

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APPLICATION: TIG MOP WELD CLEANER
SDS DATE: 15 October 2014

SECTION 2: HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE OR PREPARATION ACCORDING TO EC-DIRECTIVES 67/548/EEC OR 1999/45/EC

GHS CLASSIFICATIONS

Skin Corrosion/Irritation: Category 1B

HAZARD STATEMENTS

H314 Causes severe skin burns and eye damage.

PREVENTION STATEMENTS

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN/HAIR: Immediately remove all contaminated clothing. Shower with water.
P304 + P340 IF INHALED: Remove to fresh air and rest in a comfortable breathing position.
P305 + P351 + P338 IF IN EYES: Rinse with water for several minutes. Continue rinsing.
P310 Immediately call a doctor/physician.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients CA	S No.	Classification	Content	EINECS
WATER 7732-18-5		Not Available	45-55%	231-791-2
PHOSPHORIC ACID	7664-38-2	C;R34	45-55%	231-633-2
PROPRIETARY INGREDIENT(S)	Not Available	Not Available	1-2%	Not Available
PROPRIETARY MIXTURE	Not Available	Not Available	1-2%	Not Available

SECTION 4: FIRST AID MEASURES

EYES: May cause permanent damage if eyes not immediately irrigated. Flush eyes with water whilst holding eyelids apart. Hold eye under running water for 15mins or until advised by a medical professional.

SKIN: If in contact with skin or hair wash with soap and water. If irritation persists see a doctor or medical professional. For chronic exposure remove all items of clothing and have a shower as well as calling a doctor or medical professional.

INGESTION: If ingested do not induce vomiting, drink plenty of water and contact Poison Information Center (0844 892 0111)

INHALATION: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat Symptomatically

Eye wash facilities and safety shower should be available.

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SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: The product is non-combustible. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS: In case of fire, corrosive and toxic gasses may evolve.

PROTECTIVE MEASURES IN FIRE: wear full protective clothing and equipment including self contained breathing apparatus in fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use protective equipment as specified in section 8.

SPILL CLEAN UP METHODS: Ventilate area if possible. If appropriate contact emergency services, Evacuate area of all unprotected personnel. Spread soda ash liberally over spillage and transfer to container.

SECTION 7: HANDLING AND STORAGE

HANDELING PRECAUTIONS: Avoid contact with eyes and skin, also avoid spilling.

STORAGE: Store in dry cool area in original container sealed when not in use.

STORAGE CLASS: Corrosive storage

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Avoid inhalation, provide adequate ventilation, use extraction if inhalation risk exists.

RESPIRATORY PROTECTION: If inadequate ventilation use an acid resistant respirator (AS 1716) Type B.

EYE PROTECTION: Splash-proof goggles

SKIN PROTECTION: Use full length gloves, rubber or plastic

WORK HYGIENIC PRACTICES: Wash hands after use especially before eating drinking smoking or using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Odourless

pH AS SUPPLIED: 1 to 3

BOILING POINT: F: 293 ° / C: 145 °

MELTING POINT: NOT AVAILABLE

FLASH POINT: NOT RELEVANT

VAPOR PRESSURE (mmHg): NOT AVAILABLE

VAPOR DENSITY (AIR = 1): NOT AVAILABLE

SPECIFIC GRAVITY: 1.36

EVAPORATION RATE: NOT AVAILABLE

SOLUBILITY (Water): SOLUBLE

% VOLATILES: NOT AVAILABLE

FLAMMABILITY: NOT AVAILABLE

UPPER EXPLOSION LIMIT: NOT RELEVANT

LOWER EXPLOSION LIMIT: NOT RELEVANT

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal temperature conditions and recommended conditions of storage.

MATERIAL TO AVOID: Alkalise. Metals. Organic nitric compounds.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Phosphorous oxides when heated.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICITY DATA: PHOSPHORIC ACID (~7664-38-2)

TOXICOLOGICAL INFORMATION: Avoid with eyes and skin contact as well as vapor generation – inhalation. Corrosive. Chronic exposure may result in skin eye or respiratory burns with permanent damage. When diluted the risk are greatly reduced.

INHALATION: Corrosive. May cause coughing irritation of the throat and nose and bronchitis. High levels of exposure may result in ulceration of the repertory tract, chemical pneumonia, and pulmonary oedema. Effects maybe delayed

EYE: contact may result in irritation redness, pain, conjunctivitis corneal burns and lacrimation. Also may cause permanent damage

SKIN: contact may result in irritation, burns, redness, rash, pain and dermatitis.

INGESTION: May result in nausea, vomiting, rapid pulse, convulsions, unconsciousness, ulceration of the gastrointestinal tract, burns to the throat and mouth, oedema and death.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: The product may affect the acidity (pH factor) in water. May be harmful to aquatic organisms

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of waste and residues in accordance with local authority requirements

SECTION 14: TRANSPORT INFORMATION



UK ROAD CLASS	8				
PROPER SHIPPING NAME	PHOPHORIC ACID		AIR PACK GR.	III	
UN No. ROAD	1805		UK ROAD PACK GR.	III	
ADR CLASS No.	8		ADR CLASS	Class 8: Corrosive substance	
ADR PACK GROUP	III		ADR LABEL No.	8	
HAZCHEM CODE	2R	CEFIC	TEC(R) No.	80GC1-II+III,80GC2-II+III	
RID CLASS No.	8		RID PACK GROUP	III	
UN No. SEA	1805		CLASS	8	
IMDG PAGE No.	8		IMDG PACK GR.	III	
EMS	F-A	, S-B MA	RINE POLLUTANT	NO	
UN No. AIR	1805	ICA	O CLASS	8	

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SECTION 15: REGULATORY INFORMATION

LABELLING:



CONTAINS: POSPHORIC ACID

RISK PHRASES:

R34 Causes burns.

SAFETY PHRASES:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

S24/25 Avoid contact with skin and eyes.

S36/37/39 Wear protective clothing, gloves and eye/face protection.

SECTION 16: OTHER INFORMATION

GENERAL INFORMATION

Under REACH Material Safety Datasheets (MSDS) are referred to as Safety Datasheets (SDS).

REVISION COMMENTS

This is First Issue

Revision Date 15/10/2014

REV. NO./REPL. SDS GENERATED 1

SDS No. 00015