

## Section 1: Company and Product Identification

### 1.1. Product Identification: OILFIELD CHEMICAL

**Product Name:** **PROTEKT 14 PLUS**

**Application:** Oilfield/Refinery/Pipeline

### 1.2. Product use(s) and applications advised against:

**Product use(s):** ACETIC ACID WITH ADDITIVES

**Applications advised against:** Consult technical data sheet

### 1.3. Details of the Supplier of the Safety Data Sheet

**Company:** Chemiphase Ltd  
Ringtail Place  
Burscough  
Lancashire  
L40 8LA  
**Emergency Response:** CHEMTREC (24 hrs): +44 (0) 1704 894 808

## Section 2: Hazards Identification

### 2.1 Classification of the Substance or Mixture

**Hazard Category:** Flammable Liq Cat 3  
Skin corrosion/irritation Cat 1  
Serious eye damage/eye irritation Cat 1  
Aspiration hazard Cat 1

### 2.2 GHS Label Elements

**Signal Word:** Danger

**Hazard Pictograms:**



**Hazard Statements:**

H226: Flammable liquid and vapour  
H314: Causes severe skin burns and eye damage  
H318: Causes serious eye damage  
H304: May be fatal if swallowed and enters airways  
**Precautionary Statements:**  
P101: If medical advice is needed, have product container or label at hand  
P102: Keep out of reach of children  
P103: Read label before use  
P202: Do not handle until all safety precautions have been read and understood  
P270: Do not eat, drink or smoke when using this product  
P280: Wear protective gloves/protective clothing/eye protection/face protection  
P281: Use personal protective equipment as required  
P260: Do not breathe dust/fume/gas/mist/vapours/spray  
P271: Use only outdoors or in a well-ventilated area

### 2.3 Other Hazards

Not applicable, none known.

## Section 3: Composition / Information on Ingredients

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### 3.1 Hazardous Components

Hazardous substance (name)	CAS#	Weight %
Acetic Acid	64-19-7	10-18
Water	7732-18-5	75-85
1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl	61791-39-7	2-4

### 3.2 Other Information

No further information.

## Section 4: First Aid Measures

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### 4.1 Description of First Aid Measures

<b>General Info:</b>	Product may give off vapors in affecting the inhalation route. Ensure proper ventilation during application / curing. Seek medical treatment if any excessive exposures result in symptoms.
<b>If ingested:</b>	Rinse mouth. Seek medical attention if symptoms develop. Do not induce vomiting.
<b>If inhaled:</b>	Remove to fresh air. Obtain medical attention if respiratory symptoms or other symptoms develop. Inhalation may result in asthmatic symptoms or respiratory sensitization - monitor closely for symptoms of tightness in chest.
<b>Eye contact:</b>	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.
<b>Skin contact:</b>	Rinse with soap and water thoroughly. Get medical advice if irritation develops or persists. A PEG-400 oil, or corn oil may be an effective skin cleanser.

### 4.2 Most Important Symptoms and Effects, Acute and

<b>Notable Exposure symptoms:</b>	An allergic or asthmatic response (sensitization reaction), may occur in some exposed individuals. If these symptoms occur, seek medical attention
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## Section 5: Fire Fighting Measures

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<b>5.1 Extinguishing Media</b>	Determined by surrounding material
<b>5.2 Special Hazards Arising from Mixture</b>	Water based, not flammable
<b>5.3 Advice for Firefighters / Protective equipment</b>	Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment. Direct water spray may spread fire.

## Section 6: Accidental Release Measures

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<b>6.1 Personal precautions, protective equipment and procedures:</b>	Wear appropriate personal protective equipment before approaching spill site. For small spills, dilute with water to sewer if allowed by local and state regulations. If unable to wash product with water, absorb with inert material (sand or other approved material) and dispose of in accordance with applicable
<b>6.2 Environmental Precautions:</b>	No special precautions.
<b>6.3 Methods and Materials for Containment and Cleanup</b>	Solid material can be collected and gathered mechanically.

#### 6.4 References to Other Sections

For personal protection, see section 8 of the SDS. For disposal information, Section 13.

### Section 7: Handling and Storage

#### 7.1 Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Ensure adequate ventilation. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

#### 7.2 Recommendations for Storage:

Store in cool area. Store away from strong acids or oxidizing agents. Refer to Section 10.

### Section 8: Exposure Control / Personal Protection

#### 8.1 Components with Exposure Control

Substances with Exposure Limits	PEL	TLV-TWA	
Acetic Acid	10 ppm	25 mg/m3	

#### 8.2 Exposure Controls

**Engineering Controls:** Ensure proper ventilation in enclosed spaces.

**Work Clothing:** Protective work clothing which covers skin and prevents exposures.

**Eye/face protection:** Safety glasses.

**Skin Protection:** Wear chemical resistant gloves.

**Respiratory Protection:** Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

**Environmental Exposure:** No special considerations. Avoid release of material to surface waters.

**Additional Information:** Observe good chemical hygiene practices. Do not smoke or eat while using this product. Wash hands or exposed skin after using the product. Cutting or grinding of the product may release substances which require monitoring (see chart above).

### Section 9: Physical and Chemical Properties

#### 9.1 Physical/Chemical Properties

<b>State:</b> Liquid	<b>Melting Point:</b> Not avail	<b>Freezing Point:</b> Not avail
<b>Color:</b> clear	<b>Boiling Point/Range:</b> ~118C	<b>pH:</b> 2.4
<b>Sp. Grav.:</b> 1.01-1.01	<b>Odor:</b> Ammonia	<b>Water Solubility:</b> Not avail
<b>Evaporation rate:</b> Not avail	<b>Flash Point:</b> 40 deg c	<b>Part. Coeff (n-oct/water):</b> Not avail
<b>Upper Flam Limits:</b> Not avail	<b>Lower Flam Limits:</b> Not avail	<b>Vapor Pressure:</b> Not avail
<b>VOC Content (%):</b> Not avail	<b>Viscosity:</b> Not avail	<b>Autoignition Temp:</b> Not avail

**9.2 Other Information** No further information.

## **Section 10: Stability and Reactivity**

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<b>10.1 Reactivity</b>	This product will react with water / moisture, producing CO <sub>2</sub> gas. Exothermic reaction with materials containing active hydrogen groups.
<b>10.2 Chemical Stability</b>	Product is stable under normal conditions.
<b>10.3 Possibility of Hazardous Reactions</b>	Hazardous reactions or instability may occur under certain conditions of use.
<b>10.4 Conditions to Avoid</b>	Avoid extreme temperatures, flame, oxidizers, and acids / bases.
<b>10.5 Incompatible Materials</b>	Oxidisers, strong acids/bases.
<b>10.6 Hazardous Decomposition</b>	Not Available

## **Section 11: Toxicological Information**

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### **11.1 Information on Toxicological Effects**

<b>General Information:</b>	Product has not been tested. Potentially irritating or sensitizing to respiratory system.
<b>Acute Toxicity (Oral):</b>	Poison.
<b>Acute Toxicity (Dermal):</b>	May cause severe skin burns
<b>Acute Toxicity (Inhalation):</b>	May cause allergy or asthma
<b>Skin Corrosion / Irritation:</b>	Skin irritant
<b>Eye Corrosion / Irritation:</b>	May cause severe eye damage
<b>Sensitization:</b>	Respiratory and skin sensitization reactions possible.
<b>Carcinogenicity / Mutagenicity:</b>	Not available

## **Section 12: Ecological Information**

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<b>12.1 Toxicity</b>	Product has not been tested. Product is expected to have significant deleterious effects on aquatic organisms.
<b>12.2 Persistence and Degradability</b>	No specific data available. Product is not expected to rapidly degrade.
<b>12.3 Bioaccumulation Potential</b>	No specific data available. Product is not expected to bioaccumulate in biological tissue.
<b>12.4 Mobility in Soil</b>	No further information available.
<b>12.6 Other information</b>	No further information available.

## **Section 13: Disposal Information**

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### **13.1 Waste Treatment Methods**

**Product disposal:** Dispose of product in accordance with local, regional, and national regulations. Consult with waste contractor.

**Container** Packaging of product may contain small amounts of residual product which can be  
**disposal:** discarded.

**Other** No further information.  
**considerations:**

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**Section 14: Transport Information**

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**UN NUMBER** 2790

**PROPER SHIPPING NAME** ACETIC ACID SOLUTION WITH ADDITIVES

**HAZARD CLASS** 8

**PACKING GROUP** III

**OTHER:** No further information

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**Section 15: Regulatory Information**

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**Section 16: Other Information**

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**SDS Author:** Product Safety Dept.

**Version Dat**

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