

### Section 1: Company and Product Identification

#### 1.1. Product Identification: OILFIELD CHEMICAL

**Product Name:** **PROTEKT 4200**

**Application:** Oilfield/Refinery

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

**Product use(s):** 02 SCAVENGER

**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:** Skin corrosion/irritation Cat 1  
Serious eye damage/eye irritation Cat 1  
Corrosive to metals Cat 1

#### 2.2 GHS Label Elements

**Signal Word:** Danger

**Hazard Pictograms:**



**Hazard Statements:** H314: Causes severe skin burns and eye damage  
H318: Causes serious eye damage  
H290: May be corrosive to metals

**Precautionary Statements:** P234: Keep only in original container  
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  
P302+352: IF ON SKIN: Wash with soap and water  
P304+312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing  
P501: Dispose of contents/container in accordance with local /regional /national /international rules.

**2.3 Other Hazards** Not applicable, none known.

### Section 3: Composition / Information on Ingredients

#### 3.1 Hazardous Components

Hazardous substance (name)	CAS#	Weight %
Ammonium Bisulfite	10192-30-0	50-70

**3.2 Other Information** No further information.

## Section 4: First Aid Measures

### 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

<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

<b>5.1 Extinguishing Media</b>	NON Flammable- use extinguishing material suitable for surrounding fire.
<b>5.2 Special Hazards Arising from Mixture</b>	Product will sustain burning. Constituents associated with burning / combustion are to be considered toxic.
<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

<b>6.1 Personal precautions, protective equipment and procedures:</b>	Corrosive material. Evacuate unprotected personnel from area. Maintain adequate ventilation. Shut off source of leak if safe to do so. Contain spill if safe to do so. Avoid direct discharge to sewers or waterways. Wear appropriate protective equipment and clothing during clean-up operations. Avoid breathing
<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.
<b>6.4 References to Other Sections</b>	For personal protection, see section 8 of the SDS. For disposal information, Section 13.

## Section 7: Handling and Storage

<b>7.1 Precautions for Safe Handling</b>	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.
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## 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

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### 8.1 Components with Exposure Control

No components found

### 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

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### 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, Pale Yellow	<b>Boiling Point/Range:</b>	~220-231 deg F	<b>pH</b>	5
<b>Sp. Grav.</b>	1.393-25degC	<b>Odor:</b>	Sulfur Dioxide	<b>Water Solubility:</b>	Soluble
<b>Evaporation rate:</b>	Not avail	<b>Flash Point:</b>	Not avail	<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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**10.1 Reactivity** No Data Available

**10.2 Chemical Stability** Stable under normal conditions

**10.3 Possibility of Hazardous Reactions** Hazardous reactions or instability will not occur under normal conditions of use.

**10.4 Conditions to Avoid** Avoid extreme temperatures, flame, oxidizers, and acids / bases.

**10.5 Incompatible Materials** Avoid extreme temperatures, flame, oxidizers, and acids / bases.

**10.6 Hazardous Decomposition** Toxic vapours, Sulfur dioxide gas

## Section 11 Toxicological Information

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### 11.1 Information on Toxicological Effects

- General Information:** Corrosive- causes skin irritation and burns- cobbtact cuases redness, blistering and tissue damage
- Acute Toxicity (Oral):** Not tested. Not expected to pose an acute oral toxicity hazard.
- Acute Toxicity (Dermal):** Corrosive- causes skin irritation and burns- cobbtact cuases redness, blistering and tissue damage
- Acute Toxicity (Inhalation):** No further information.
- Skin Corrosion / Irritation:** Corrosive- causes skin irritation and burns- cobbtact cuases redness, blistering and tissue damage
- Eye Corrosion / Irritation:** Corrosive- causes skin irritation and burns- cobbtact cuases redness, blistering and tissue damage- May cause permanant eye damage
- Sensitization:** Respiratory and skin sensitization reactions possible.
- Carcinogenicity / Mutagenicity:** This product does not conatin 0.1% or mor eof known carcinogens

## Section 12 Ecological Information

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- 12.1 Toxicity** Particularly toxic in aquatic environemnt
- 12.2 Persistence and Degradability** No specific data available. Product is not expected to rapidly degrade.
- 12.3 Bioaccumulation Potential** No specific data available. Product is not expected to bioaccumulate in biological tissue.
- 12.4 Mobility in Soil** No further information available.
- 12.6 Other information** 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 disposal:** Packaging of product may contain small amounts of residual product which can be discarded.
- Other considerations:** No further information.

## Section 14: Transport Information

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- UN NUMBER** 2693
- PROPER SHIPPING NAME** BISULFITES, AQUEOUS SOLUTIONS N.O.S (AMMONIUM BISLUFITE)
- HAZARD CLASS** 8
- PACKING GROUP** III
- OTHER:** CORROSIVE

## Section 15: Regulatory Information

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- TSCA:** All components listed on the TSCA 8(b) inventory.
- CERCLA RQ:** Not applicable

**SARA 311/312:** Immediate (acute), delayed (chronic) health hazards.

**SARA 313** Isocyanate compound (N120), ~25%

**California Prop 65 Substances:** Product contains California Proposition 65 substances in small quantities (carbon black, cumene, ethylbenzene)

**Canadian DSL:** All substances in product are listed on the DSL.

**WHMIS:** See Section 3 for disclosure substances, if applicable. Product is classified in accordance with WHMIS 2015.

**Section 16: Other Information**

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**SDS Author:** Product Safety Dept.

**Version Dat**

30/06/2015

*DISCLAIMER The information provided in this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.*