

SAFETY DATA SHEET

CASKLEER PASTE

1 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Identification of the Substance: Beer finings

Synonyms: CKPAS

Company Identification:
MURPHY & SON LTD.
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2 COMPOSITION/INFORMATION ON SUBSTANCE

Chemical Composition: Blends of piscine isinglass with sulphur dioxide preservative
CAS No.: Not applicable
Classification: Not Classified as Hazardous
Risk Phrases: Not applicable

3 HAZARD IDENTIFICATION

Contact with eyes or skin, or inhalation of fumes may cause irritation

Eye contact: Causes irritation
Skin contact: May cause irritation
Inhalation: May cause irritation due to sulphur dioxide content
Ingestion: Harmful if swallowed in quantity
Other Information: Symptoms of exposure may include headache, nausea and vomiting

4 FIRST AID MEASURES

Eye contact: Flush eyes with copious quantities of water for at least 15 minutes. OBTAIN MEDICAL ATTENTION
Skin contact: Wash affected area with copious quantities of water for at least 15 minutes. Remove all contaminated clothing and wash before re-use. Obtain medical attention if irritation persists
Inhalation: Remove from exposure. In severe cases OBTAIN MEDICAL ATTENTION
Ingestion: Wash out mouth with water. In severe cases OBTAIN MEDICAL ATTENTION

5 FIRE FIGHTING MEASURES

This product is a non-flammable liquid

Suitable Extinguishing Media: Water, dry chemical or carbon dioxide, dependent upon surrounding fire conditions
Unsuitable Extinguishing Media: None
Special Exposure Hazards: None
Special Protective Equipment: Wear gloves, goggles, rubber boots and overalls if contact with the product is possible

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear full protective clothing - overalls, goggles, gloves, and boots
Environmental Precautions: Prevent spillages from entering drains, streams, watercourses etc. If unavoidable warn the local Water Authority immediately
Methods for Cleaning Up: Contain large spillages in sand or earth and shovel into marked container for safe disposal
After material pick-up is complete wash affected area well with plenty of water. Minor spillages may be washed to drain with plenty of water

7 HANDLING & STORAGE

Handling Precautions: Wear appropriate safety equipment - goggles, gloves, boots and overalls
Storage: Store in tightly sealed containers in a cool, dry place

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Short Term Exposure Limit (STEL): 13 mg/m³ for SO₂
Time Weighted Average (TWA): 5 mg/m³ for SO₂

Personal Protection:
Respiratory Protection: Not required for normal work procedures. If misting occurs use an appropriate respirator for mists
Hand Protection: Wear rubber or PVC gloves with gauntlets
Eye Protection: Wear chemical safety goggles
Skin Protection: Wear protective clothing with rubber boots
Other Protective Measures: An eyewash station should be nearby

9 PHYSICAL & CHEMICAL PROPERTIES

Appearance: Stiff white paste
Odour: Characteristic odour of sulphur dioxide
pH: 5.5
Boiling Point: Not applicable
Freezing Point: Not applicable
Flash Point: Not applicable
Flammability: Non flammable
Autoflammability: Not applicable
Explosive Properties: None
Oxidising Properties: None
Vapour Pressure: Not applicable
Relative Density: 1.000
Solubility: Miscible with water in all proportions

10 STABILITY & REACTIVITY

Stability: Stable at cool temperatures
Conditions to Avoid: Corrosive to mild steel, aluminium and prolonged contact with stainless steel
Materials to Avoid: Avoid contact with chlorine based products
Hazardous Decomposition Products: May evolve sulphur dioxide under certain conditions

11 TOXICOLOGICAL INFORMATION

Toxicological Data: No data
Effects of exposure:
Eye contact: Irritation. No permanent damage expected if treated immediately
Skin contact: Minor irritation may occur from prolonged contact
Ingestion: May cause nausea and vomiting
Inhalation: May cause coughing and wheezing
Carcinogenicity: This material is not considered to be a carcinogen
Mutagenicity: This material is not considered to be a mutagen
Reproductive Effects: None identified

12 ECOLOGICAL INFORMATION

Environmental Effect: No data
Ecotoxicity Value: No data
Persistence & Degradability: The acidity will be neutralised by water hardness
Bioaccumulative Potential: None

13 DISPOSAL CONSIDERATIONS

Disposal of Product:	Absorb in sand or earth and dispose of in an approved land fill. Minor spillages may be washed to drain with plenty of water
Disposal of Packaging:	This product is supplied in returnable packaging
National or Regional Legislation:	Dispose of in accordance with Part 2 of the Environmental Protection Act, 1990. Consult your Local Waste Regulatory Authority if in any doubt

14 TRANSPORT INFORMATION

UN No.:	Not applicable
Classification:	Not classified
Packing Group:	Not applicable
Transport Hazard Symbol:	Not applicable

15 REGULATORY INFORMATION

Classification:	Not classified
Hazard Pictogram:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	S24/25 - Avoid contact with eyes and skin S2 - Keep out of the reach of children

National Legislation:

**The Control of Substances Hazardous to Health Regulations 1999
EH40 Occupational Exposure Limits
Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations 1996 (CHIP 96) Amended 1998
Carriage of Dangerous Goods by Road and Rail (Classification, Packaging and Labelling) Regulations 1996
Carriage of Dangerous Goods by Road Regulations 1996**

16 OTHER INFORMATION

Recommended Uses:	Customers should ensure that the product is entirely suitable for their own purpose
Further Information:	Advice and literature on the properties, storage and handling of this product are available on request
EEC Directive:	The above information complies with the Directive 93/112/EEC

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