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GLASS CLEANER

SECTION 1: IDENTIFICATION OF THE PRODUCT AND MANUFACTURER

Product Name: Hygiene Glass Cleaner

Substance or mixture and uses advised against Identified uses: Multi-Surface/Glass Cleaner

Manufacturer Details: KCPL -110044 (India)

Marketed by:- Brush Chem Cleaning Products
E-760, Nakul Path, Lal Kothi Scheme,
Jaipur-302015

Emergency Telephone number: +91 9314506550

SECTION 2: HAZARDS IDENTIFICATION

Inhalation	When diluted at prescribed dilutions, product is unlikely to cause health effects.
Ingestion	May cause irritation of gastrointestinal tract.
Skin	When diluted at use dilutions, product is unlikely to cause health effects. May cause irritation at full Concentration & may cause etching of affected area.
Eye	When diluted at use dilutions, product is unlikely to cause health effects. Seek medical attention.
Chronic Effects	Chronic effects are unlikely to occur.
Other hazards	No other hazards known. The product does not meet the criteria for PBT or vPvB in accordance with Regulation (EC) No 1907/2006

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

Ingredient(s)	CAS number	REACH number	Classification	Classification (1999/45/EC)	Weight percent
Alcohol, C9-C11, ethoxylated	68439-46-3				1 - 5%
Sodium lauryl sulfate	68585-47-7				0.5 - 1.5%
Sodium lauryl ether sulfate	9004-82-4				0.5 - 1.5%

****Exact percentages are being withheld as trade secret information**

SECTION 4: FIRST AID MEASURES

Description of first aid measures:

Eyes:	Following eye contact, flush eyes immediately with plenty of water, for fifteen minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention if irritation occurs.
Skin:	Following skin contact, wash area at once with plenty of water for fifteen minutes. Rinsing promptly with water, will reduce irritation considerably.
Ingestion:	If swallowed, call physician. expected to cause serious harm if not taken seriously
Inhalation:	Move victim to fresh air if irritation occurs. Get medical attention

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

Special hazards arising from the substance or mixture

No special hazards known.

Advice for firefighters

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protect.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

Protective equipment and emergency procedures: Wear eye/face protection.

Environmental precautions:

Small Spills: Add inert absorbent, sweep up, and place the material in plastic drums.

Large Spills: Dike to contain and pump into drums approved for disposal. Follow all local, state and federal environmental regulations.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Measures to prevent fire and explosions

No special precautions required.

Advices on general occupational hygiene

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Wash hands before breaks and at the end of workday. Wash face, hands and any exposed skin thoroughly after handling. Take off immediately all contaminated clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities

Store in accordance with local and national regulations. Keep only in original container. Store in a closed container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures to reduce exposure

Good general ventilation should be sufficient to control airborne levels.

Personal Protective Equipment

It is the responsibility of the employer to determine the potential risk of exposure to hazardous chemicals for employees in the workplace in order to determine the necessity, selection, and use of personal protective equipment.

Eye protection:	Chemical-splash goggles.
Hand protection:	Chemical-resistant gloves.
Skin and body protection:	Protective footwear. Wear suitable protective clothing.
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Liquid	Colour: Blue
Odour : Fancy Node	Odour threshold: No data available
pH: 8.5-9	Relative evaporation rate: No data available
Melting point: No data available	Freezing point: No data available
Boiling point : 212°F=100° c	Specific Gravity: 1.02
Form: Aqueous Solution	Flash point: > 200 °F
Soluble in Water: 100% Soluble	

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No reactivity hazards known under normal storage and use conditions
Stability	The product is stable
Hazardous decomposition products	None known under normal storage and use conditions
Incompatible materials	Do not mix with bleach, strong acids, bases or other, due to possible heat reactions
Conditions to avoid	No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicology Information	No adverse health effects expected if the product is handled in accordance with this MSDS and the product label.
Acute Toxicity	We have not carried out any animal testing for this product. Any ATE figures quoted below are from toxicity classification that have been carried out using ATE (acute toxicity estimate) calculation method using LD50 or ATE figures provide by the raw material manufacturer other health effects - low oral toxicity but ingestion may cause irritation of the gastro intestinal tract.
Skin corrosion/irritation	Not classified (pH: 9)
Serious eye damage/irritation	Not classified (pH: 9)

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	In high concentrations, product is toxic to aquatic life.
Persistence/Degradability	Readily biodegradable.
Bioaccumulation	No information available.
Mobility	Product is readily dissolved and transported in water.

SECTION 13: DISPOSAL CONSIDERATIONS

Product/Packaging disposal recommendations Dispose in a safe manner in accordance with local/national regulations Dispose of contents/container to an approved waste disposal plant.

SECTION 14: TRANSPORT INFORMATION

DOT/TDG/IMDG: The information provided below is the full transportation classification for this product. This description does not account for the package size(s) of this product, that may fall under a quantity exception, according to the applicable transportation regulations. When shipping dangerous goods, please consult with your internal, certified hazardous materials specialist to determine if any exceptions can be applied to your shipment.

Proper Shipping Name: Liquid Glass Cleaner

Segregation Dangerous Goods : The finished product is non-hazardous under DOT.

Transportation : use surface or sea medium for transportation if in bulk quantity.

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

Authorizations' or restrictions (Regulation (EC) No 1907/2006, Title VII respectively Title VIII): Not applicable.

Chemical safety assessment: A chemical safety assessment has not been carried out on the mixture

SECTION 16: OTHER INFORMATION

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract. We cannot accept liability for any loss, injury or damage which may result from its use. This information doesn't constitute an assessment of risk as required by any specific health & safety legislations. Data given in this Material Safety Data Sheet are solely for guidance in safe handling and use of the product(s) by customers; they do not form part of any specification. Before Using any product read its label.

Abbreviations and acronyms

- AISE - The international Association for Soaps, Detergents and Maintenance Products
- DNEL - Derived No Effect Limit
- EUH - CLP Specific hazard statement
- PBT - Persistent, Bioaccumulative and Toxic
- PNEC - Predicted No Effect Concentration
- REACH number - REACH registration number, without supplier specific part
- vPvB - very Persistent and very Bioaccumulative
- ATE - Acute Toxicity Estimate

End of Material Safety Data Sheet