

Material Safety Data Sheet (MSDS)		
1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION		
Trade Name	:	Sodium Silicate Glass (Lump/Cullet)
Manufacture's Name	:	Allied Chemicals S.C.
Address	:	
Head Office	:	Allied Tower, In front of Yeabsira Building, Wosen Area, Backside of sunshine real estate villa, Addis Ababa, Ethiopia. Email: alliedcls@gmail.com
Telephone	:	011-6182354
2. COMPOSITION / INGREDIENTS		
Chemical Identity	:	CAS No.
Sodium Silicate	:	1344-09-8
Water	:	7732-18-5
		Weight Range
		99.5%
		0.05%
3. HAZARD IDENTIFICATION		
Potential Health Effects	:	Eye: Causes eye burns. May cause blindness. May cause chemical conjunctivitis and corneal damage. Skin: Causes Slight skin irritation. Oral: Harmful if swallowed.
4. FIRST AID MEASURES		
Eye	:	Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.
Skin	:	For skin contact flush with large amount of water for at least 15 minutes. If irritation persists, get medical attention Immediately. Take off all contaminated clothing and wash contaminated clothing before reuse.
Inhalation	:	If symptoms are experienced, remove source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen.
Ingestion	:	If swallowed, do NOT induce vomiting. Get medical aid immediately. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.
<i>*In all of the above cases, get a doctor to check the affected person.</i>		
5. FIRE HAZARD AND FIRE-FIGHTING MEASURES		
Flash point	:	Not Applicable.
Means of extinction	:	Substance is non-combustible; use agent most

		appropriate to Extinguish surrounding fire. Do not get water inside containers.
Flammability	:	Non-Flammable.
Flash Point	:	Not Applicable
Personnel	:	Fire fighters should wear full protective clothing, including self-contained breathing equipment.
Hazardous combustion product	:	None
6. ACCIDENTAL RELEASE		
Engineering Controls	:	Ventilation of workplace, eye wash station.
Leak-And-Spill Procedures	:	Spills do not touch all walk through the material.
7. HANDLING AND STORAGE MEASURES		
Handling Containers	:	Protect containers against physical damage/ water/Direct Fire.
Storage Conditions of Containers	:	Use leak-proof Drums. Store in dry locations, at ambient temperature away from direct sunlight.
8. PERSONAL PROTECTION MEASURES		
Skin	:	Rubber Gloves
Respiration	:	Air respirator
Eyes	:	Goggles
Feet	:	Safety Shoes/Gum Boots.
Body	:	Aprons.
Hygiene precautions	:	Remove contaminated clothing and wash hands.
9. PHYSICAL AND CHEMICAL PROPERTIES		
Physical state	:	Sky blue with transparent glass.
Total soluble silicate	:	97%
Mass ratio of total SiO ₂	:	2.0-2.3%
Solubility in water.	:	Slightly soluble in cold water.
10. REACTIVITY DATA		
Chemical Stability	:	Product is stable under the prescribed storage conditions.
Incompatibility with other Substances	:	Water, metals, acids, aluminium, zinc, tin, flammable liquids, organic halogens, wool.
Reactivity	:	Not reactive under normal temperature & pressure.
Hazardous Decomposition	:	None known.
11. TOXICOLOGICAL PROPERTIES		
Toxicity	:	Non toxic

Skin contact	:	Slight
Inhalation acute	:	Slight
Inhalation Chronic	:	None
Eye contact		Cause serious eye damage.
Irritancy of material	:	Slight
12. ECOLOGICAL INFORMATION		
No information available.		
13. WASTE DISPOSAL		
Leak-and-spill procedures	:	Being a liquid, it can be collected, cleaned up and stored in closed containers.
Disposal	:	This material is not hazardous material can be washed off with water jet, ensuring contaminated water does not enter sewerages.
14. TRANSPORT RECOMMENDATION		
No special condition as it is not a regulated product. However, one should observe the usual precautionary measures for transporting chemicals.		
15. REGULATORY REQUIREMENTS		
According to the data available, the product is not regulated product. However, one should observe prescribed Federal, State and Local measures while dealing with chemicals.		
16. OTHER INFORMATION		
The information presented here pertains only to the product when stored in a condition, as prescribed above. The information is given in good faith, but no warranty, express or implied, is made.		