MYS KİMYA
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MSDS

Trade Name: Quick500

1 - Identification of Substance

1.1. Material
Product Name : Quick500

1.2. Intended uses: Construction Chemical

Identification : Liquid
Type :Alkali Accelerator Sprayed Concrete
Usage Area :Industrial Trade
Producer : MYS Kimya
Phone : +**90 212 215 52 62**

2 - Hazards identification

2.1. Madde veya karışımın sınıflandırılması
Sınıflandırma T.C. 28848
Physical Injury It is not classified as harmful.
Health Injury Skin Abrasion 1B- H314 Eye damage
1- H318
Environment Injury It is not classified as harmful.

2.2. Sticker Factor
Harmful Sign

Warning Word Danger
Harmful Statement H314 causes severe skin burns and eye damage.
Important Statement Do not breathe P260 spray.
P260 Do not breathe spray.
P264 Wash thoroughly after handling contaminated skin.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P321 Specific treatment (see medical advice on the label).
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents/container in accordance with national regulations.

Contents
Aluminium Sodium Dioxide
2.3. Other Harms
Product has not content PBT veya vPvB

3 – Information of Compound

3.2. Mixtures

Aluminium Sodium Dioxide CAS number: 1302-42-7 EC number: 215-100-1	**40-60%**
Classification Skin Abrasion 1B- H314 Eye Damage 1- H318	

The full text of hazard statements is provided in Section 16.

Comments on the composition The data is given in compliance with the latest EU Directive.

4 - First aid measures

4.1. First aid measures description:
Inhalation: Immediately move the affected person to fresh air. Rinse the nose and mouth with water. If discomfort persists, seek medical attention.
Ingestion: Do not give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Seek medical attention if discomfort persists.
Skin contact: Remove the affected person from the source of contamination. Take off contaminated clothing. Wash the skin thoroughly with water and soap. Seek medical attention if discomfort persists.
Eye contact: Remove the affected person from the source of contamination. If wearing contact lenses, remove them, and open the eyelids wide. Continue rinsing for at least 15 minutes and seek medical attention.

4.2. Acute and delayed significant symptoms and effects:
Inhalation: Inhalation of high concentrations of gas or vapor may irritate the respiratory system.
Ingestion: Ingestion may cause discomfort.
Skin contact: May cause skin irritation.
Eye contact: Can cause severe eye damage.

4.3. First signs requiring medical intervention and special treatment:
Information to be provided to the doctor: No specific precautions are recommended.

5- Fire Fighting Measures

5.1. Fire extinguishing measures:
Appropriate extinguishing agents: The product does not ignite. Use suitable fire-fighting materials to contain the fire if necessary.

5.2. Special hazards arising from the substance or mixture:
Special hazards: When the airborne concentration of dust exceeds 10 mg/m³, protect against irritating dust.

5.3. Advice for firefighters:
Protective measures during firefighting:
Avoid inhaling fire gases or vapors. Combat the fire from a safe distance and protected area. If it does not pose any risk, move containers to another location away from the fire. Control and collect firefighting water.

Special protective equipment for firefighters:
Use self-contained breathing apparatus, gloves, and protective goggles.

6 - Accidental release measures

Personal precaution procedures to be followed in case of leak or spill: Evacuate area.

Procedure(s) of personal precaution(s): Use personal protective clothing. Do not breathe vapor/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions: Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.

For large amounts: Pump off product..

7 - Handling and Storage

Handling
General advice: Avoid aerosol formation. Avoid inhalation of mists/vapors. Avoid skin contact. No special measures necessary provided product is used correctly. Protection against fire and explosion: The product does not contribute to the spreading of flames, nor is it self-combustible, not explosive.
Storage
General advice: Containers should be stored tightly sealed in a dry place. Keep away from heat. Protect against moisture.
Store protected against freezing. Keep only in the original container.
Storage incompatibility:
General advice: Segregate from metals. Segregate from bases. Segregate from oxidants. Segregate from foods and animal feeds.
Temperature tolerance:
Protect from temperatures below: 0 °C The packed product must be protected from

8 - Control of Exposure/Personal Protection

8.1. Control Parameters
Content Notes WEL = Workplace Exposure Limits

8.2. Control of Exposure
Protective Gear

8 - Control of Exposure/Personal Protection

Appropriate engineering controls: Ensure adequate ventilation. Avoid inhaling vapors. Pay attention to the occupational exposure limit for the product and its contents.
Eye/Face protection: If the risk assessment indicates a possibility of eye contact, use approved eye protection complying with the relevant standard. The following protective equipment should be used: Protective goggles or a face shield to guard against splashing chemicals.
Hand protection: If the risk assessment indicates possible skin contact, use chemical-resistant and waterproof gloves that comply with the appropriate standard. Gloves made of the following materials are recommended: Polyvinyl chloride (PVC) or natural rubber (latex).
Other skin and body protection: Wear appropriate clothing to prevent any skin contact.
Health precautions: Provide an eye wash station. Wash hands at the end of each shift, before eating, smoking, or using the restroom. Remove contaminated clothing immediately. Use an appropriate skin cream to prevent skin dryness. Do not eat, drink, or smoke while using the product. Place contaminated clothing in a closed container for disposal or cleaning.

Respiratory system protection: No specific precautions are recommended. Respiratory protection may be necessary in case of excessive air contamination.

9 – Physical and Chemical Properties

9.1. Physical and Chemical Properties Information

Form	: Liquid.
Colour	: Yellow/Orange
Smell	: Characteristic
pH	: 12.50 - 14.50
Density	: 1,360 - 1,420 kg/l
Resolution	: Water soluble.
Viskosity	: No information.

9.2. Other Information

Other Information : No information required

10 – Stability and Reactivity

10.1. Reactivity

There is no known reactive hazard associated with this product.

10.2. Chemical Stability

The product is stable at normal ambient temperatures and when used as recommended. It is also stable under the specified storage conditions.

10.3. Possibility of hazardous reactions:

There are no known potential hazardous reactions.

10.4. Conditions to avoid:

Avoid prolonged exposure to excessive heat.

10.5. Incompatible materials:

There are no specific substances or groups of substances that are likely to create a hazardous situation when reacting with the product..

10.6. Hazardous decomposition products:

Resulting from combustion: Carbon monoxide (CO). Carbon dioxide (CO2).

11 – Toxicological Information

11.1. Toxic Effect

11.2. Skin Irritation
Too Much pH: Not avaible.

Sex cell mutagenicity
Genotoksisite-in vitro: Not applicable.
Genotoksisite in vivo: Not applicable.

Carcinogenicity
Carcinogenicity: Not applicable.
Reproductive toxicity Reproductive toxicity - fertility: Not applicable.
Reproductive toxicity - developmental: Not applicate.
Specific target organ toxicity - single exposure
STOT - single exposure: Not applicable.
Specific target organ toxicity - repeated exposure
STOT - repeated exposure: Not applicable.
Inhalation: Inhalation of gas or vapor at high concentrations may irritate the respiratory system. Following excessive exposure, the following symptoms may occur: coughing.
Ingestion: Ingestion may cause discomfort.
Skin contact: Irritates the skin.
Eye contact: Risk of serious eye damage

12 – Ecological Information

Ecotoxicity: The product is not expected to be hazardous to the environment. It is not expected to be toxic to aquatic organisms.

12.1. Toxicity: No relevant information available.

12.2. Persistence and degradability: No information is available regarding the product's degradability.

12.3. Bioaccumulative potential: There is no relevant data available on bioaccumulation.

12.4. Mobility in soil: Mobility - The product can mix with water and spread in water systems.

12.5. Results of PBT and vPvB assessment: The product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects: Not applicable.

13 - Disposal consideration

13.1. Waste disposal methods:
Dispose of the waste in a licensed waste disposal facility, in accordance with the requirements of local Waste Disposal Authorities. The environmental authority should be informed about all major disposals.

14 – Transport Information

14.1. UN number
UN No. (ADR/RID) 1819
UN No. (IMDG) 1819
UN No. (ICAO) 1819
UN No. (ADN) 1819

14.2. Suitable UN transport name
Suitable shipment (ADR/RID) SODYUM ALÜMİNAT ÇÖZELTİSİ
Suitable shipment (IMDG) SODYUM ALÜMİNAT ÇÖZELTİSİ
Suitable shipment (ICAO) SODYUM ALÜMİNAT ÇÖZELTİSİ
Suitable shipment (ADN) SODYUM ALÜMİNAT ÇÖZELTİSİ

14.3. Hazard Class for Transport
ADR/RID class 8
ADR/RID classificate code C5
ADR/RID sticker 8
IMDG class 8
ICAO class 8
ADN class 8

Shipment Sticker

14.4. Packing Group
ADR/RID packing group: II
IMDG packing group: II
ICAO packing group: II
ADN packing group: II

14.5. Environmental hazards:
Harmful to the environment/marine pollutants: No.

14.6. Special precautions for the user:
IMDG Code segregation group: 18. Alkalies
EmS: F-A, S-B
ADR segregation group: 2
Emergency action code: 2R
Hazard Identification Number (ADR/RID): 80
Tunnel restriction code: (E)

14.7. Bulk transportation according to MARPOL 73/78 Annex II and IBC Code:
Not applicable.

15 - Regulatory Information

15.1. Specific safety, health, and environmental regulations for the substance or mixture National regulations.

- Regulation on Classification, Labeling, and Packaging of Substances and Mixtures, dated December 11, 2013, No. 28848, issued by the Ministry of Environment and Urbanization of the Republic of Turkey.
- Regulation on Classification, Packaging, and Labeling of Hazardous Substances and Preparations, dated December 26, 2008, No. 27092, issued by the Ministry of Environment and Forestry of the Republic of Turkey.
- Regulation on Control of Hazardous Wastes, dated March 14, 2005, No. 25755, issued by the Ministry of Environment and Forestry of the Republic of Turkey.
- Regulation on Health and Safety Precautions in Work with Carcinogenic and Mutagenic Substances, dated August 6, 2013, No. 28730, issued by the Ministry of Labor and Social Security of the Republic of Turkey.
- Regulation on Health and Safety Precautions in Work with Chemical Substances, dated August 12, 2013, No. 28733, issued by the Ministry of Labor and Social Security of the Republic of Turkey.
- Regulation on the Use of Personal Protective Equipment in the Workplace, dated July 2, 2013, No. 28695, issued by the Ministry of Labor and Social Security of the Republic of Turkey.
- Occupational Health and Safety Law, No. 6331, dated June 30, 2012, issued by the Ministry of Labor and Social Security of the Republic of Turkey.

Directory CHIP for everyone HSG228.
Workplace Exposure Limits EH40.
afety Data Sheet (SDS) for substances and preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

Chemical Safety Assessment
Chemical Safety Assessment is not available.

16 – Other Information

Abbreviations and acronyms used in the Safety Data Sheet (SDS)
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate.
BOD: Biochemical Oxygen Demand.
CAS: Chemical Abstracts Service.
EC50: Effective Concentration of a substance causing 50% maximum response.
GHS: Globally Harmonized System.
IARC: International Agency for Research on Cancer.
IATA: International Air Transport Association.
IBC: International Bulk Chemical Code (for the construction and equipment of ships carrying dangerous bulk chemicals).
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
LC50: Concentration of a substance causing 50% (half) mortality in a group of test animals.
LD50: Dose of a substance causing 50% (half) mortality in a group of test animals (Median Lethal Dose).

Main literature references and information sources:
This SDS has been prepared based on information obtained from the raw material owner company.
Explanation related to revision: This is the initial version.

*This information is specific to a particular substance and should not be used in a mixture where the same substance is used with other substances or in any process. The information, to the best of the company's knowledge and belief, is accurate and reliable as of the specified date. However, no warranty or representation can be made as to its accuracy, reliability, or completeness. It is the user's responsibility to determine the suitability of this information for their own use.