

**Automatic Dish Wash Detergent**  
**ADW-K6**

Revision number: 00

Issuing Date 01.11.2020

**1. Identification of the Substance / Mixture and of the Company / Undertaking**

**Product information**

Trade name : Automatic dish wash detergent  
Chemical Family : Dish wash detergent  
Recommended use: For household and institutional use only.

Company : **FINEOTEX CHEMICAL LIMITED**

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**2. Hazards Identification**

**2.1 Classification of substances**

**GHS Classification**

Physical hazard: None

Health hazards: Skin corrosion /irritation: Category 1A, 1B, 1C

Acute toxicity oral: Category 4

Serious eye damage/Eye irritation: Category 1

Environmental hazards: No data available.

**2.2 Label Element**

**GHS label elements**

**Signal word** : Danger



**Corrosion**



**Exclamation mark**

**Pictogram:**

**Hazard Statements:** H314:Causes severe skin burns and eye damage.  
H302:Harmful if swallowed.  
H318:Causes serious eye damage.

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According to the Global Harmonized System



**Precautionary Statements:** P260: Do not breath/dust /fume/mist/spray/vapors.  
**(Prevention)** P264: Wash thoroughly after handling.  
P270: Do not eat, drink and smoke when using this product.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statements:** P301+P330+P331: If swallowed: Rinse mouth. Do not induced vomiting.  
**(Response)** P303+P361+P353: If on skin take off immediately all contaminated clothing.  
Rinse skin with water.  
P363: Wash contaminated clothing before reuse.  
P304+P340: If inhaled: Remove person to fresh air and keep comfortable  
For breathing.  
P310: Call a doctor.  
P321: Specific treatment see on this label.  
P305+P351+338: If in eyes: Rinse cautiously with water for several minutes.  
P301+P312: If swallowed: Call a doctor.  
P330: Rinse mouth.  
**Dispose :** P501: D

**Storage:** P405: Store locked up.

**Other hazards:** None known.

### 3. Composition / Information on Ingredients

Composition	CAS NO	%	Classification
Caustic flakes	1310-73-2	Proprietary	H314: Skin corrosion: Category 1A, 1B, 1C
EDTA Tetra sodium	10378-23-1	Proprietary	H302: Acute toxicity oral: Category 4 H318: Serious eye damage: Category 1

Also added water and preservative

### 4. First aid Measures

**Mixtures:** This product falls in the criteria of a mixture according to United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

**Description of first aid measures:**

General advice: Get medical advice/attention if u feel unwell.  
Inhalation : Move to fresh air, seek medical attention in case of discomfort.  
Skin contact: Wash off immediately with plenty of water for at least 15 minutes. Use A mild soap if available .Wash clothing before reuse. Thoroughly clean Shoes before reuse. Get medical attention immediately.  
Eyes contact : Rinse immediately with plenty of water , also under the eyelids, for at least

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15 minutes .Remove contact lense if present and easy to do .Continue rising.  
Get medical attention immediately.  
Ingestion: Rinse mouth and then drink plenty of water.  
Notes to physician : Treat symptomatically.

**Most important symptoms and effects, both acute and delayed**

Symptoms/effects- See section 11 for more detailed information on health effect and syptoms.

## 5. Firefighting Measures

Suitable extinguishing media : Foam ,Dry powder ,Carbon dioxide,water spray ,Sand

Specific hazard arising from substances and mixture  
Contact with some metal eg .aluminium ,zinc can produce flammable hydrogen gas .  
Exothermic reaction with water.

Fire fighting instructions :Use water spray or fog for cooling exposed containers.Exercise caution when fighting any chemical fire .Prevent fire fighting water from entering environment.

Protection during fire fighting: Control run off water by containing and keeping it out of sewers and waterco

Uses.

Special protective equipment for firefighters: Wear positive pressure self contained breathing apparatus  
And appropriate protective clothing.

## 6. Accidental release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

### Environmental Precautions

Prevent spillage from entering into soil, sewers, drainage and groundwater and inform the authorities in case if entered

### Methods and Materials for Containment and Clean Up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

## 7. Handling and Storage Measures

Additional hazard when processed: No additional information.

Precaution for safe handling: Keep away from naked flames /heat.Keep away from ignition sources.Measure the concentration in the air regularly.work under local ventilation. Keep out of reach of children. Store in suitable labelled containers.Keep container tightly closed.

Storage temperature: 0 °C to 50 °C

## 8. Exposure Control / Personal Protection

### Control Parameters

Exposure Limits/Guidelines: None established

### Exposure Controls

Engineering Controls: Adequate ventilation systems as needed to control  
Conc. of airborne contaminants below applicable exposure limits.

Eye/Face Protection: Safety glasses with side shields.  
Chemical goggles if there is a significant risk of splashing.

Respiratory Protection: None required under normal use.  
If product is heated, sprayed, appropriate respiratory protection may be needed.

Skin/Hand Protection: Wear suitable working clothing; chemically resistant protect gloves.

Ingestion: Do not eat, drink or smoke in work area. Wash hands before eating or smoking

### General safety and hygiene measures:

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Wash soiled clothing immediately.

### 9. Physical and Chemical Properties

Form	Flowable Liquid
Odour	Chracterstic
Odour threshold	Not Determined
Colour	Pale yellow
pH value(1% Aq)	>13.5
Melting point (°C)	NA
Boiling point (°C)	No Data Available
Flash point (°C)	< 100
Flammability	Not Applicable
Lower explosion limit	No Data Available
Upper explosion limit	No Data Available
Auto ignition	No Data Available
Vapour pressure mmHg ( @ 20 °C)	NA
Density	1.11
Relative density (Water = 1) ( 60°C)	NA
Relative Vapour density (Air = 1)	NA
Partitioning coefficient n-octanol/water (log Pow)	No Data Available
Thermal decomposition	No Data Available
Viscosity, Kinematic (cSt @100 °C)	NA
Particle size	Not Applicable
Solubility in water	Soluble
Evaporation rate	No Data Available
Other Information	Not Applicable

### 10. Stability and Reactivity

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Can react violently if in contact with acids and chloro-hydrocarbons.Exothermic reaction with water.

Conditions to avoid: Avoid excessive heat for prolonged periods of time .

Incompatible materials: Acid ,Ammonia solution,Chlorinated hydrocarbons ,Aluminium,Zinc

Hazardous decomposition products: Decomposition products may include the following materials:  
Hydrogen

### 11. Toxicological Information

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

#### Potential Health Effects

Eyes : Causes serious eye damage.

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Skin : Causes severe skin burns .

Ingestion : Avoid breathing vapors and mists.

Inhalation : May cause respiratory tract irritation .May cause nose,throat and lung irritation.

Chronic Exposure : Health injuries are not known or expected under normal use .

**Experience with human exposure**

Eye contact : Causes serious eye damage.

Skin contact : Causes severe skin burns.

Ingestion : Harmful if swallowed. Causes digestive tract burns.

Inhalation :May cause nose ,throat and lung irritation.

**Toxicity Product**

Acute oral toxicity : None known

Acute inhalation toxicity : No data available

Acute dermal toxicity : None known

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Carcinogenicity : No data available

Reproductive effects : No data available

Germ cell mutagenicity : No data available

Teratogenicity : No data available

STOT-single exposure : No data available

STOT-repeated exposure : No data available

Aspiration toxicity: No data available

**12. Ecological Information**

**Ecotoxicity:** Not determined.

**Environmental effect :**No data available

**Persistence and degradability:**No data available.

**Bioaccumulative potential:** No data available

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**Mobility in soil:** No data available.

**Other adverse effects:** No data available

### 13. Disposal Consideration

#### Product Waste

Do not dump into any sewers, on the ground, or into any body of water.

All disposal methods must be in compliance with Federal, State/Provincial, and local regulations.

#### Packaging Waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### 14. Transport Information

In Accordance With ICAO/IATA/IMDG/DOT

**UN Number:** Not regulated for transport

**UN Proper Shipping Name:** Not regulated for transport

**Transport by Sea:** Not regulated for transport

**Air Transport:** Not regulated for transport

### 15. Regulatory Information

The product is not classified as dangerous to environment or health, as the hazardous substance in      encapsulated in the product.

**15.1 Other EU regulations:** Employment restrictions concerning young person must be observed. Use only by      technically qualified individuals.  
Other National regulations: Not applicable

**15.2 Labelling according to EU Directives:** The product is not classified as dangerous according to EU Dangerous      Preparations Directive (DPD) 1999/45/EC and hence does not require a hazard warning label. However, the normal safety precautions for handling of chemicals must be observed.

**Code letter and hazard designation (symbol) of product:**

**H phrases :** Not Known

#### National requirements in India

The Factories Act, 1948

The Motor Vehicles Act, 1988

## 16. Other Information

This safety data sheet has been prepared in accordance with GHS standard format.

**16.1 GHS classification:** The GHS calculation method has been used for classification of this mixture.

**16.2. Full text of H-Statements referred to under Sections 3:**

The risk phrases shown below are for the component substances which are listed in section 3 and not for the actual finished formulation.

**H phrases :** H302:Acute toxicity oral: Category 4  
H314:Skin corrosion: Category 1A,1B,1C  
H318:Serious eye damage: Category 1

Please note that, when diluted to the recommended working concentration with water, the working fluid will not be classified as hazardous to health.

Training advice: The product does not require any special training before use. Usage and handling instructions are mentioned in the Material Safety Data Sheet

**16.3. Date of preparation :** 01/11/2020

**16.4. Revision No. :** 0

**16.5. Reason for revision :** Revised the SDS according to GHS Hazard communication

*The information provided on this Safety Data Sheet 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 guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as 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 material or in any process, unless specified in the text.*