

# ■ ■ ZFS / PA / KH7 DEGREASER

## Material Safety Data Sheet

Date of Approval: 5th of August, 2019  
Version: 18.2

### 1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

#### Product identifier

Product Name: **KH-7 DEGREASER**  
Product Code: **200276**

#### Recommended use of the product and restrictions on use

**Recommended use: Universal degreaser**  
**Uses advised against: No applicable information available**

#### Details of the supplier of the safety data sheet

KH DISTRIBUTING COMPANY US, LLC  
224 ANNIE ST.  
ORLANDO, FL. US 32806  
In case of emergency: 1-877-557-0266 (from 8:00 am to 3:00 pm eastern standard time).

### 2. HAZARDS IDENTIFICATION

#### Classification

Eye irritation category 2  
Skin irritation category 2

#### Signal Word

CAUTION

#### Hazard Statements

Causes eye and skin irritation.

#### Precautionary statements

In case of contact with eyes, rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of contact with skin, wash with soap and water. If irritation persists: Get medical advice. If medical advice is needed, have product container or label at hand. Keep out of the reach of children. Read label before use. Do not swallow. Seek medical assistance if swallowed. Do not induce vomiting. Do not mix with other cleaning products.

#### Hazards not otherwise classified

No applicable information available.

#### Ingredients with unknown acute toxicity

No applicable information available.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	COMMON NAME/SYNONIMS	CAS NUMBER	CONCENTRATION (%w/w)
ETHOXYLATED FATTY ALCOHOL	Ethoxylated C <sub>12-14</sub> alcohol	68439-50-9	5% ≤ X <10%
ETHOXYLATED FATTY ALCOHOL	Ethoxylated C <sub>12-15</sub> alcohol	68131-39-5	1 % ≤ X <5%
MONOETHANOLAMINE	2-aminoethanol	141-43-5	1% ≤ X <5%

### 4. FIRST AID MEASURES

#### First aid measures

**General Advice:** Show this safety data sheet to the doctor in attendance.

**Note:** All first aid and safety advice provided below is the result of a review of all of the information given by our suppliers, however it must not be considered to be exhaustive in an emergency situation.

**Inhalation:** If dizziness is experienced, move to fresh air and stop using the product. Get medical advice if dizziness persists.

**Ingestion:** Must seek medical assistance. DO NOT induce vomiting unless otherwise expressly stated by medical staff. Never administer orally to an unconscious person. Loosen anything that could be tight such as shirt collars, ties and belts.

**Skin contact:** Wash with soap and water. Seek medical attention if the irritation persists.

**Eye contact:** Wash eyes immediately with plenty of water for at least 15 minutes. Use warm water. If victim wears contact lenses, they must be removed.

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

**Inhalation:** Exposure to high concentrations can lead to irritation in the airways and the nasal mucous, dry/painful throat, a cough and the sensation of shortness of breath.

**Ingestion:** A large dose may cause gastro-intestinal irritation, depression of the central nervous system and even loss of consciousness.

**Skin contact:** Prolonged contact with sensitive skin can cause irritation.

**Eye contact:** It causes severe eye irritation. The inflammation of the eyes is characterized by redness, lacrimation and itching.

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable and unsuitable extinguishing media

The product is not classified as inflammable. However, in the event of a fire:

Use DRY chemical powder (small fires) or spray, mist or foam (major fires)  
Cool the containers with large amounts of water for a long period of time after the fire has been extinguished.

### Special hazards arising from the substance or mixture

This material is not explosive but even so, hot containers may explode.

### Protective equipment and precautions for firefighters

Firemen should use self-contained breathing apparatus and full fire-fighting equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Contact emergency personnel immediately. Keep away non-necessary personnel. Use adequate protective equipment (see section 8).

### Environmental precautions

Prevent from reaching public sewer, water systems or surface waters.

### Methods and material for containment and cleaning up

Absorb using inert material and break product up in the appropriate waste container. Finish cleaning by pouring water onto the contaminated area and allow to pass through drainage system.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

Use with sufficient ventilation Prevent prolonged or repeated contact with skin Prevent contact with eyes, skin and clothes. Wash immediately after handling.  
To prevent from mixing up with other cleaning products, do not transfer this liquid into another container/bottle that has not stored the same product previously.

### Conditions for safe storage, including any incompatibilities

Store between 5°C and 40°C (41°F and 104°F). Keep the container tightly closed in a cool and well ventilated area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

**Occupational exposure limits at workplace:** No applicable information available.

**Appropriate engineering controls:** Ensure ventilation in the area where the product is used. Check that there is an eye shower and a safety shower in close proximity.

**Hygienic measures:** Wash hands after handling product and before eating, smoking, using toilets and at the end of the day.

**Individual protection equipment:**

**Skin and body:** Avoid prolonged or repeated contact with the skin. Use protective clothing if you are going to be in prolonged or repeated contact with the product.

**Hands:** Use protective gloves if you are going to be in prolonged or repeated contact with the product (butyl rubber or neoprene gloves)

**Eyes:** Avoid contact with eyes. Use protective anti-chemical splash glasses.

**Respiratory system:** No special measures needed. However, adequate ventilation is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

**Appearance:** Virtually colorless crystal liquid product.

**Odor:** Virtually odorless

**Odor threshold:** No applicable information available

**pH:** 11.40 at 68°F (20°C)

**Flash point:** boils without ignition at 98°C (208°F).

**Freezing point:** - 4°C (25°F))

**Initial boiling point and boiling range:** No applicable information available

**Evaporation rate:** No applicable information available

**Vapor pressure:** No applicable information available

**Vapor density:** No applicable information available

**Oxidizing and explosive properties:** Non explosive product

**Density:** 1.004gr/ml at 68°F (20°C)

**Solubility:** Totally soluble in water.

**Partition coefficient (n-octanol/water):** No applicable information available

**Auto-ignition temperature:** No applicable information available

**Decomposition temperature:** No applicable information available

**Viscosity:** No applicable information available

### 9.2 Other information

Values indicated are typical and do not represent a specification.

## 10. STABILITY AND REACTIVITY

### Reactivity

None known.

### Chemical stability

Highly stable product that does not require special considerations.

### Possibility of hazardous reactions

None known.

### Conditions to avoid

No applicable information available

### Incompatible materials

Do not mix with other cleaning products.

### Hazardous decomposition products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Likely routes of exposure

Inhalation of sprayed product, eye or skin contact, ingestion.

### Information on toxicological effects

#### Local effects:

- Skin irritant: take necessary precautions to avoid contact with skin.

- Eye irritant: take necessary precautions to avoid contact with eyes.

#### Acute toxicity:

Based on available data, the classification criteria are not met.

#### Chronic toxicity:

According to our suppliers, none of the raw materials used in this product that exceed 0.1% were classified, on the basis of the established regulatory criteria, as mutagenic, carcinogenic or teratogenic.

### Symptoms related to the physical, chemical and toxicological characteristics

No applicable information available:

### Acute toxicity estimates

No applicable information available:

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Not established

### Persistence and degradability

Not established

### Bioaccumulative potential

Not established

### Mobility in soil

Product totally soluble in water.

### Other adverser effects

No additional information available

## 13. DISPOSAL CONSIDERATIONS

See section 8 of this SDS for exposure controls and personal protection.

Dispose of the product and container in accordance with all applicable local, state, and federal regulations.

## 14. TRANSPORT INFORMATION

DOT (Ground): Not regulated

IATA (Air): Not regulated

IMDG (Vessel): Not regulated

## **15: REGULATORY INFORMATION**

All ingredients in this product are listed or are excluded from listing on the US Toxic Substances Act (TSCA) Chemical Substance Inventory.

## **16. OTHER INFORMATION**

The information in this document is based on our knowledge at the date of its publication and it is our intention to describe the product solely in relation to health, safety and the environment. Therefore, it is not to be considered 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 materials or in any process, unless specified in the text. It is the user's responsibility to adopt the protective measures stipulated in this Safety Data Sheet.