

# MSDS

MATERIAL SAFETY DATA SHEET

KAMIKAZE  
COLLECTION

KAMIKAZE INTERNATIONAL.LLC

**DATE OF PREPERATION**

September 29, 2014

## SECTION 1- PRODUCT AND COMPANY INFORMATION

### Product Info

Products Name:KAMIKAZE SILICA SCALE REMOVER

Products Code:SR01

Intended Use: professional and consumer use

### Company Info

KAMIKAZE International. LLC

1F 748-17,Yamagiwa,Atsugi-City,Kanagawa-Pref,Japan

+81-3-6667-4893

## SECTION 2-COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Percent	CAS No
<b>Sodium percarbonate</b>	-	Nondisclosure
<b>Titan hafnium</b>	10%-16%	Nondisclosure
<b>Performic acid</b>	-	Nondisclosure
<b>Pure Water</b>	-	-

## SECTION 3- HAZARDS IDENTIFICATION

### HAZARDS IDENTIFICATION

**Inhalation:** May cause coughing, dizziness, headache and nausea

**Skin Contact:** May cause dry skin, redness and itching

**Eye Contact:** Irritation may occur.

**Swallowing:** May cause headaches, nausea and vomiting.

\*Generating of toxic chlorine gas reacts with the chlorine agent.

## SECTION 4- FIRST AID MEASURES

**Eye Contact:** Flush with plenty of water or saline solution for removing the chemical. Never introduce oil or ointment into the eyes without medical advice. If pain is present, refer the victim to an ophthalmologist for further treatment and follow up.

**Inhalation:** Remove casualty to fresh air and keep at rest.

**Swallowing:** Rinse mouth with water (only if the person is conscious), do not induce vomiting, seek medical advice immediately.

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## SECTION 5- FIRE FIGHTING MEASURES

**Extinguishing media:** Water, Dry chemical powder, Carbon Dioxide, or Foam.

**Special fire-fighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray or alcohol-type foam to cool

fire-exposed containers. Do not use straight stream.

**Unusual fire and explosions hazards:** Container explosion may occur under fire conditions. May emit toxic fumes under fire conditions.

## SECTION 6- ACCIDENTAL RELEASE MEASURES

Cover with an inorganic absorbent, like vermiculite, perlite, ground clay, or sand, sweep up, and dispose appropriately. Dike to contain and pump into drums for use or disposal. If any material remains

Add inorganic absorbent (as above), sweep up, and dispose appropriately. Clean contaminated area

with soap and water. In case of accidental spill or release, refer to Section 8, Personal Protective Equipment and General Hygiene Practices.

## SECTION 7- HANDLING AND STORAGE

### STORAGE

Store in a cool, dry place. Store at 0~20°C Highly reactive. React with water or alcohol to give ammonia, hydrogen gas or silanes.

Generating of toxic chlorine gas reacts with the chlorine agent.

### HANDLING

Containers, even those that have been emptied, can contain product residues. Do not use these containers for storing food or drinking water. Wash hands with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. . Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

## SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

### RESPIRATORY SYSTEM PROTECTION

Short term harmful effects are not expected from vapor generated at ambient temperatures. Use ventilation as required to control vapor concentrations.

### SKIN PROTECTION

Avoid skin contact. Wear normal work clothing. Individuals with sensitive skin conditions should wear gloves, outer clothing or apron, overshoes and a face-shield suitable to potential exposure.

### EYE PROTECTION

Avoid getting in eyes. Wear chemical goggles if there is potential contact with eyes. Eye wash fountains and safety showers should be available for emergency use.



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## SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

<b>VAPOR PRESSURE</b>	Non-Applicability
<b>VAPOR DENSITY</b>	Non-Applicability
<b>SPECIFIC GRAVITY</b>	1.0 (20°C)
<b>BOILING POINT</b>	100°C
<b>FLASH POINT</b>	Does not flash
<b>SOLUBILITY IN WATER</b>	Water solubility
<b>APPEARANCE</b>	Transparency
<b>ODOR:</b>	Peculiar odor
<b>V.O.C</b>	0 g/liter
<b>pH</b>	2.5-3.5

## SECTION 10- EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>STABILITY</b>	stable
<b>HAZARDOUS POLYMERIZATION</b>	will not occur

## HAZARDOUS DECOMPOSITION PRODUCTS

Generating of toxic chlorine gas reacts with the chlorine agent.

## SECTION 11- TOXICOLOGICAL INFORMATION

**Carcinogenicity information:** Not listed as a carcinogen by NTP; not regulated as a carcinogen by OSHA; not evaluated by IARC

**Reported human effects:** No human studies have been conducted with this material. The use of recommended protective equipment should prevent any adverse effects from workers handling this material.

## SECTION 12- ECOLOGICAL INFORMATION

### ECOTOXICOLOGICAL INFORMATION

No data available

## SECTION 13- ECOLOGICAL INFORMATION

### WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.



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## SECTION 14- TRANSPORT INFORMATION

**US DOT**

Non-Applicability

**IATA**

Non-Applicability

## SECTION 15- ECOLOGICAL INFORMATION

**Management of chemical substances and Promotion Act (PRTR Law)** None

**Fire Service Act** None

**Occupational Safety and Health Act** None

**Poisonous and Deleterious Substances Control Act** None

**Ship Safety Act** None

**The Civil Aeronautics Act** None

## SECTION 16- OTHER INFORMATION

### WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

### IMPORTANT

#### LIABILITY DISCLAIMER

The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct as it was obtained from sources we believe are reliable. However, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and

equipment used to store, handle or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at his sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.