



Material Safety Data Sheet

KEEEN- 050-02-23MAR15

KEEEN : WASTEWATER TREATMENT

Section I – Identification of the Substance / Preparation and the Company / Undertaking

Substance or preparation trade name : Wastewater Treatment

Unique reference numbers(s) : WT

Company/undertaking name & address : KEEEN LIMITED

86, 88, 90 Chaloeprakiat Rama 9 Road Nongbon, Prawet, Bangkok,
Thailand, 10250

Telephone: 02 8002570-3

Emergency telephone number: -

Section II – Composition

DI water	96.2% (w/w)	Micro-nutrient and bio-accelator	0.8% (w/w)
Blends of Bacillus spores (10^5 - 10^6 cfu/ml)	3.0% (w/w)		

Section III – Hazards Identification

Classification of substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2, H320

For the full text of the H-Statements mentioned in this Section, see Section 16

Potential Health Effects :

Eye Contact :	May cause mild temporary irritation
Skin Contact :	Prolonged or repeated exposure may cause mild irritation
Inhalation :	No adverse effects expected
Ingestion :	No adverse health effects are anticipated to occur as a result of acute ingestion Chronic effects are not known.
Carcinogen :	None of the components in this material are listed by IARC, NTP, OSHA or ACGIH as a carcinogen
Signs/Symptoms of Overexposure:	Prolonged contact may cause mild irritation or dryness to sensitive skin
Medical Conditions Generally	
Aggravated by Exposure	

Section IV – First Aid Measures

Eye :	Immediately flush with clean water. Consult physician if necessary.
Skin :	Rinse with water
Ingestion :	If swallowed, treat symptomatically and supportively. Do not induce vomiting. If victim conscious and alert, give two glasses of milk to drink. If vomiting occurs, keep head below hips to prevent aspiration. Contact Physician.

Section V – Fire and Explosion Hazard

Flash Point (Method Used) :	Nonflammable
-----------------------------	--------------

Section VI – Accidental Release

Small Spills :	Flush with water into containing area or to sewer where applicable within Federal, State or Local disposal requirements
Large Spills :	Dike and pump into suitable container, clean up residual with absorbent material and wash with water. Dispose of in accordance with Federal, State or Local disposal requirements

Section VII – Handling & Storage

Handling & Storage	Wear protective goggles or face shield if splashing or spraying liquid. Protect from freezing.
Precautions :	
Other Precautions :	Keep container tightly closed. Keep out of reach of children.

Section VIII – Exposure Controls

Respiratory Protection :	No respiratory protection is necessary.
Ventilation :	Good general ventilation is sufficient.
Protective Clothing :	When prolonged skin contact is expected, wear protective gloves.
Eye Protection :	Wear safety glasses.
Work / Hygienic Practices :	Use good personal hygiene practices, wash hands before eating, drinking, smoking, or using toilet

Section IX – Physical/Chemical properties

Boiling Point :	100°C	Specific Gravity (H ₂ O=1) :	1.000-1.020
Vapor Pressure (mm Hg.) @ 20°C :	Composite = 0.006	pH :	6.90 – 8.90
Vapor Density (AIR=1) :	Equiv. water	Evaporation Rate (Butyl Acetate=1)	Equiv. water
Solubility in water :	Complete	Melting Point :	N/A
Appearance and Odor :	Clear liquid with a mild odor	VOC undiluted	N/A

Section X – Stability & Reactivity

Stability :	Stable
Hazardous Decomposition or By-products :	Thermal decomposition may produce CO ₂
Hazardous Polymerization :	May Occur
Incompatibility (Materials to Avoid) :	-

Section XI – Toxicological Information

Acute Oral : LD₅₀ > 14.0 g/kg
 Acute Dermal : N/A

Section XII – Ecological Information

Biodegradation

Section XIII – Disposal Considerations

Waste Disposal : Flush uncontaminated to sewer where applicable within Federal, State or Local
 (Unused Material) Disposal requirements
 Note : Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, State and local waste disposal requirements may be more restrictive or otherwise different from Federal laws and regulations.

Section XIV – Transportation Information

D.O.T Shipping Name :	Not regulated	D.O.T Hazard Class :	None
UN Shipping Name :	N/A	UN/NA Number :	N/A
UN Class or division :	N/A	UN Packing Group :	None

Section XV – Regulatory Information

Not available

Section XVI – Other Information

Full text of H-statements referred to under Section 3

H320 Causes eye irritation

MSDS Creation Date : 1/7/2010, Revision #7 Date : 23/03/2015

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.