



SAFETY DATA SHEET

REVISION 7

REVIEWED DATE 01 MAR 2018

READ AND UNDERSTAND MATERIAL SAFETY DATA SHEET BEFORE HANDLING OR DISPOSING OF PRODUCT

1. Identification of Substance, Preparation and Company

Product Name:

Diamaflow 168LB

Dicing Solution

Manufacturer Name:

Keteca Singapore (Pte) Ltd.
35 Tannery Road #07-06
Ruby Industrial Complex (Tannery Block)
Singapore 347740

Emergency Phone:

65-6749-3318

2. Hazard Identification



GHS Classification: Category 2, Serious eye irritation

Signal Word: Warning

Hazard Statement: H311: Causes serious eye irritation

Precautionary Statement

Prevention:

P264: Wash your hands and face thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

Response:

P305, P351, and P338: IF IN EYES: Rinse cautiously with water for several minutes
Remove contact lenses, if present and easy to do so. Continue rinsing.

P337, P313: If eye irritation persists: Get medical advice/attention.

Potential Health Effects

Eye Contact:

May cause eye irritation. Chemical burns may occur in sensitive individuals.

Skin Contact:

Prolonged contact may cause slight skin irritation with local redness. May cause drying and flaking of the skin.

**Skin Absorption:**

Prolonged skin contact is unlikely to result in absorption of harmful amounts. Similar materials have been shown to cause lung effects following contact with the skin of rabbits.

Inhalation:

At room temperature, exposure to vapor is minimal due to low volatility; single exposure is not likely to be hazardous.

Ingestion:

Low toxicity if swallowed. Small amounts swallowed incidentally as a result of normal handling operations are not likely to cause injury; however, swallowing larger amounts may cause injury.

Environmental hazards

See section 12.

Other hazards

Slipping hazard.

3. Composition/Information on Ingredients

None of the materials in this product are known to be hazardous

CHEMICAL NAME	CAS #	%
Water	7732-18-5	94.0%
Polyethylene Glycol	25322-68-3	1.9%
Oxirane, methyl-, polymer with oxirane, mono(octylphenyl) ether, branched	70955-69-0	4.1%

4. First-Aid Measures

General

- In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. Unconsciousness: seek immediate medical attention.

Inhalation

- Remove victim from exposure and move to a well ventilated area. If experiencing breathing difficulty, give oxygen. If not breathing, give artificial respiration. Seek medical attention.

Skin Contact

- Wash with soap and water. Rinse thoroughly.

Eye Contact

- Remove contact lenses, flush with water for at least 15 minutes while holding eyelids open. Seek medical attention.



After Ingestion

- Seek medical attention. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed: Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically

5. Fire-Fighting Measure

Suitable Extinguishing Media

- Foam, CO₂, powders, water spray.

Unsuitable extinguishing media

- Do not use direct water stream. May cause slipping hazard.

Special hazards arising from the substance or mixture

- None

Advice for firefighters

Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Burning liquids may be extinguished by dilution with water. Do not use direct water stream. May spread fire. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. Accidental Release Measure

Personal precautions, protective equipment and emergency procedures:

Evacuate area. Keep upwind of spill. Spilled material may cause a slipping hazard. Ventilate area of leak or spill. Refer to section 7, Handling, for additional precautionary measures. Only trained and properly protected personnel must be involved in clean-up operations. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

Methods and materials for containment and cleaning up: Contain spilled material if possible. Absorb with materials such as: Sand. Dirt. Do not use water for cleanup. Collect in suitable and properly labeled containers. See Section 13, Disposal Considerations, for additional information.



7. Handling and Storage

Handling Precautions

- **Do not get in eyes. Avoid contact with eyes, skin, and clothing.**
- **Do not swallow.**
- **Use with adequate ventilation.**
- **Wash thoroughly after handling.**

Storage Precautions

- Keep from freezing.
- Keep container tightly closed and upright to prevent leakage.
- Always keep in original container.
- Avoid heating and direct sunlight.
- Store in cool and dry area (5 °C to 35 °C).

8. Exposure Control and Personal Protection

Respiratory Protection

- No respiratory protection is necessary.

Ventilation

- Good general ventilation is necessary.

Skin Protection

- Wear protective clothing if prolonged skin contact is expected.

Eye Protection

- Wear safety glasses if splashing is likely.

9. Physical / Chemical Data

Appearance Physical State and Color	Clear to yellowish pourable stringy liquid
Odor	Mild / Non offensive
pH	7.0 – 9.5 (Pure)
Melting Point / Freezing Point	Not Applicable
Boiling Point	< 100° C
Flash Point	> 105° C (Closed Cap)
Flammability (solid, gas)	Not applicable to liquids
Lower explosion limit	No test data available
Upper explosion limit	No test data available
Vapor Pressure (mmHg)	Same as water
Relative Vapor Density (air = 1)	No test data available
Density/relative density;	1.000 – 1.020
Solubility in water	Soluble
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available



Decomposition temperature	No data available
Viscosity (room temp, 21-27 °C)	20– 80 cP

10. **Stability and Reactivity**

Stability	: This product is stable
Reactivity	: No data available
Conditions to Avoid	: Prolonged storage at extreme temperatures.
Incompatibility (Materials to Avoid)	: Oxidizing and reducing agents
Hazardous Decomposition Of By-products	: Thermal decomposition may produce CO ₂

11. **Toxicological information**

This product has not been tested on animals or humans. The flowing chronic health effects are based on the main hazards of the products components.

Eye Contact	: May cause mild temporary irritation.
Skin Contact	: Not expected to cause 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.
Carcinogenicity	: 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	: None Known.



12. Ecological Information

Elimination (persistence and degradability): No data available.

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

Bioaccumulation: No relevant data found.

Mobility in soil

No relevant data found.

13. Disposal Considerations

Disposal methods Product and Packaging :

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN SDS SECTION: Composition Information. Incinerator or other thermal destruction device. Waste water treatment system.

14. Transport Information

Proper shipping name	: Diamaflo 168LB
UN Number	: Not Available
DOT Non-Bulk	NOT REGULATED
DOT Bulk	NOT REGULATED
IMDG	NOT REGULATED
ICAO/IATA	NOT REGULATED
Packaging Instruction	: Non-Hazardous, Synthetic Lubricant
Disposal information	: Flush to sewer where applicable within federal, state or local disposal regulations.



15. Regulatory Data

OSHA Hazard Communication Standard This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A):

To the best of our knowledge, this product does not contain chemicals at levels which require reporting under this statute.

Toxic Substances Control Act (TSCA)

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

R-Phase(s)

R 22 Harmful if swallowed
R 36 Irritating to eyes

16. Other Information

HEALTH:	0
FLAMMABILITY:	0
REACTIVITY:	0
PERSONAL PROTECTION:	

The details in this material safety data sheets satisfy national and EU legislation. We have no knowledge or control over the individual users working condition however. The product may not be used for any other purpose other than as originally intended. The user is responsible for the observance of all required statutory provisions.

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