



SAFETY DATA SHEET

ISSUE DATE : 03/11/2017
REVISED DATE : 01/09/2021

TRADE NAME
LEVELING AGENT L-140

1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

IDENTIFICATION OF THE SUBSTANCE/ PREPARATION

Chemical description Leveling Agent
 Nonionic

USE OF THE SUBSTANCE/ PREPARATION

Industry sector Textile Processing Industry
Type of use Textile Auxiliaries

IDENTIFICATION OF COMPANY

Supplier Rainbow Chemical Co., Ltd.
 No. 9 Lane 105 Cheng Fu Road
 Sanxia Dist. New Taipei City Taiwan
Tel +886 226726565
Fax +886 226726565

Emergency Line +886 226726565

2. HAZARDS IDENTIFICATION

According to the present state of knowledge, provided that this product is handled correctly, there is no known danger to human.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Polyoxyethylene Oleate
Concentration >99%
CAS Number 9004-96-0

4. FIRST-AID MEASURES

After Inhalation Immediately seek fresh air after inhaling of dust, vapour
 or aerosol
After contact with skin In case of contact with skin wash off immediately with
 plenty of water



After contact with eye	Immediately rinse eyes with running water and seek medical advice
After Ingestion	If swallowed seek medical advice immediately

5. FIRE-FIGHTING MEASURES

Suitable extinguisher media	All
Extinguishing media that must not be used for safety reasons	No restrictions
Protective device or for firefighting	Use suitable respiratory equipment
Further information	This product is not combustible

6. ACCIDENTAL RELEASE MEASURES

Method for cleaning up/taking up	Pick up with absorbent material (eg. sand, sawdust). Rinse away rest with water.
Additional information	Do not let the liquid drain into rivers, ponds or sewer systems

7. HANDLING AND STORAGE

Instruction for safe handling	Use only with adequate ventilation and proper eyewear, gloves and rest with water
Instruction about protection against fire and explosions	No special measures required
Demands on store room and container	No special measures required
Storage stability	6 months
Further information about storage conditions	Keep the container tightly closed

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory protective	Use respiratory protection in case of insufficient exhaust ventilation or prolonged exposure
Hand protection	Use Gloves
Eye protection	Safety goggles
Body protection	Working clothes

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow Brown Transparent liquid
Odour	Mild
pH value (1%)	7.0-8.5
Melting point	Not determined
Boiling point	≥ 95°C
Solubility in water	Easily soluble in water



Density	$\geq 0.99 \text{ g/cm}^3$
Flash point	No flash point till boiling point

10. STABILITY AND REACTIVITY

Dangerous/ Hazardous reaction	No hazardous reaction known
Dangerous/ Hazardous decomposition product	None

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (LC ₅₀ 4 Hours TEST IN MICE)	50mg/l
Acute oral toxicity (LD ₅₀ TEST IN RABBIT)	7600mg/l
Irritant effect on skin	Not determined
Irritant effect on eye	Not determined

12. ECOLOGICAL INFORMATION

Fish Toxicity (LC ₅₀)	> 1100mg/l (96 hours)
Aquatic Invertebrates (EC ₅₀)	181mg/l (48 hours)
Bacteria Toxicity	Not determined
Chemical Oxygen Demand	Not determined
Biological Oxygen Demand	Not determined

13. DISPOSAL CONSIDERATIONS

Product	Dispose of in accordance with local regulations
Uncleaned Packaging	Consider recycling

14. TRANSPORT INFORMATION

Emergency Dial	+886 26726565
IATA	Not restricted
IMDG	Not restricted

15. REGULATORY INFORMATION

Risk phrase	R36/38 - Irritating eyes and skins
Safety phrase	S25 - Avoid contact with eyes S26 – In case of contact with eyes, rinse with plenty of water immediately and seek medical advice

16. OTHER INFORMATION

This document is generated for the purpose of distributing health, safety and environmental data. It is not a specification sheet nor should any displayed data be construed as a specification. The information on this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The condition or method of handling, storage use and disposal of the product are beyond our control and be beyond our knowledge. For this and other reasons, expanse arising out of or in any way connected with handling, storage, use or disposal of this product.