



# SAFETY DATA SHEET

ISSUE DATE : 18/07/2017  
REVISED DATE : 01/09/2021

---

TRADE NAME  
ARC-320

---

## 1. IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

### IDENTIFICATION OF THE SUBSTANCE/ PREPARATION

Chemical description Reducing Agent Compounds

### 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 District, New Taipei City  
Taiwan 23743  
Tel +886 2 26726565  
Fax +886 2 26726564

Emergency Line +886 2 26726565

---

## 2. HAZARDS IDENTIFICATION

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



Signal Word Warning

Hazard H302 Harmful if swallowed in large quantity  
Statements H315+H320 May cause skin and eye irritation

---



### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Information on Ingredients  
Chemical Mixture

Composition	CAS No.	Percentage
Sodium Formaldehyde Sulfoxylate	149-44-0	40%
Sodium Sulfate	7727-73-3	5%
Water	7732-18-5	55%

### 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	Clear Liquid
Ionic Character	Anionic
pH value (1%)	9.5-10.5
Viscosity	< 100CPS
Boiling point	≥95°C
Specific Gravity	1.25
Odor	Sulfur smell

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity (LD <sub>50</sub> TEST IN MICE)	N <sub>Av</sub>
Irritant effect on skin	Not determined
Irritant effect on eye	Not determined

## 12. ECOLOGICAL INFORMATION

Biodegradability	-
Fish Toxicity	-
Bacteria Toxicity	-
Chemical Oxygen Demand	-
Biological Oxygen Demand	-

## 13. DISPOSAL CONSIDERATIONS

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

## 14. TRANSPORT INFORMATION

Emergency Dial	+886 2 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, expense arising out of or in any way connected with handling, storage, use or disposal of this product.