

**MATERIAL SAFETY DATA SHEET**

01 / 2023

**SECTION 1 : SUBSTANCE IDENTIFICATION**

**Product Code: RN3 RA**

**Product : Fixer Replenisher**

To process Color Films

Total Content : 2 X 5.0 Litres

Chemical Family: Chemical preparation for Photographic use.

HS Code : 37079010

**SECTION 2 - CHEMICAL PROPERTIES**

Ingredients Name	CAS No.	Content
Ammonium Thiosulphate 60% Solution	: 7783-18-8	: 60 - 80%
Sodium Metabisulphite	: 7681-57-4	: 1 - 5%
Sodium Sulphite	: 7757-83-7	: 1 - 5%
Water	: 7732-18-5	: 10 - 38%

**SECTION 3 - PHYSICAL PROPERTIES**

Solubility in water	: 100%
Appearance	: Pale Yellow
Odour	: Faint
Specific Gravity	: 1.300 - 1.330

**SECTION 4 - FIRE & EXPLOSION HAZARD DATA**

Flash Point: None

Extinguishing Media: Use method appropriate for surrounding fire.

**SECTION 5 - HEALTH HAZARD DATA**

Effects of Overexposure:

Inhalation: Low hazard for ordinary industrial handling.

Eyes: Vapour may cause irritation. Contact may cause burns.

Skin: Repeated and prolonged contact may cause irritation.

Ingestion: Do Not take internally. May be harmful if swallowed.

**Single word:** Warning



**Hazard statements:** Harmful if swallowed.

**SECTION 6- FIRST AID MEASURE**

Skin: No Hazard but skin can be wash with soap and water.

Eyes: Flush with large amount of water for 15 minutes. Seek medical attention.

Ingestion: Drink water to dilute and induce vomiting. Seek medical attention giving full details of amount ingested and toxicity.

Inhalation: No hazard

**Al Barshaa General Trading Company LCC,  
Al Quoz Industrial Area 1, Dubai, UAE,  
Tel. +97143804064,**

**SECTION 7 - REACTIVITY DATA**

Stability: Stable.

Conditions to Avoid: None known

**SECTION 8 - SPILL OR LEAK PROCEDURE**

Steps to be taken in case Materials Released or spilled : Wear protective clothing. Flush to sweat with large amounts of water.

**SECTION 9 - HANDLING AND STORAGE**

Handling:                    Avoid inhalation of vapour  
                                  Ensure adequate ventilation  
                                  Avoid skin / eye contact  
                                  Wear suitable protective clothing

Storage:                    Store in tightly closed labelled containers store in cool, dry, well ventilated area.

**SECTION 10 - SPECIAL PROTECTION INFORMATION**

Respiratory Protection: May not be necessary under normal conditions.

**Protective Equipment:**

Gloves : Impervious gloves.

Eyes : Wear protective goggles.

Other : As necessary to prevent skin contact. Eyewash facilities in vicinity of use.

**SECTION 11 - TOXICOLOGY INFORMATION**

Health effect :            No toxicity data available for preparation  
                                  May be harmful if swallowed. Irritating to eyes / skin.

Acute Effects :            Irritation and redness at the site of skin contact.

Chronic Effect :           None known

**SECTION 12 - ECOLOGICAL INFORMATION**

No adverse environmental effects foreseen  
Not expected to bioaccumulate  
Not expected to persist in the environment  
Ecotoxicity: No specific data available. Expected to be harmful to aquatic life

**SECTION 13 - DISPOSAL CONSIDERATION**

Disposal should be in accordance with local authority regulations.  
Generally, dispose by dilution with very large amount of water i.e. minimum 1:20 ratio.

**SECTION 14 - TRANSPORT INFORMATION**

Not regulated.  
The product is water based, aqueous homogeneous solution, packed in a leak proof plastic container / bottle / jar put in a transport worthy compact corrugated boxes.

**SECTION 15 - REGULATORY INFORMATION**

Not listed.



**Al Barshaa General Trading Company LCC,  
Al Quoz Industrial Area 1, Dubai, UAE,  
Tel. +97143804064,**

**SECTION 16 - OTHER INFORMATION**

The information's contained in this Material Safety Data sheet is furnished without warranty of any kind. The user should consider this data a supplement to other information gathered and must make independent determination of suitability and completeness of information from this and other sources to assure proper use and disposal of the materials and the health and safety of employees and customers and the protection of the environment. This statement is incorporated as part of this Materials Safety Data