



SAUJANYA EXPORTS

Manufacturers & Exporters of: Food Colours, Pigment Powders, Dyes & Dye Intermediates
B1- 1401 to 1406, Palladium 80ft Corporate Road, Opp Vodafone House, Off. S.G. Road, Prahlad Nagar, Ahmedabad- 380015.Gujarat. India
Office: +91 79 29701895, 29702047 | **Email:** saujanyaexports@gmail.com | **Email:** milan.shah@saujanyaexports.com
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FOOD RED 2G - MATERIAL SAFETY DATA SHEET (MSDS)

Information of the substance and of the company

Commercial Product	Food Red 2G
Our Code	A09
Synonyms	C.I.Food RED 10 AZOGERANINE C.I.ACID RED #1
Chemical Family(class)	Mono azo dye
Chemical Name	Di sodium salt of 8-actamido-1-hydroxy-2- phenylazonaphthalene-3,6 disulphonate
Company	Saujanya Exports
Telephone No	91-079-29702047 (Ahmedabad)
Fax No	91-079-29702047 (Ahmedabad)

Chemical Characterization Information On Ingredients

E.E.C.No.	E-128
EINECS.	223-098-9
CAS No.	3734-67-6
C.I.No.	18050
Molecular Formula	$C_{18}H_{13}N_3O_8S_2Na_2$
Molecular Weight	509.43

According to documentation available is edible dye.

Physical and chemical properties

Physical State	Solid, Fine Powder/Granules.
Colour	Red
Odor	Odorless
pH value	6-8
Boiling Point	Not applicable
Melting Point	No sharp melting point observed
Flash Point	Not applicable Substance does not having any oxidising property.
Ignition Temperature	Not applicable
Explosion Limit	Not applicable
Vapour Pressure	Not applicable
Density	0.70



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ISO 9001 : 2008
Reg.No: RQ91/7914

Solubility in water 120 gms/litre

Stability & Reactivity

Hazardous Reactions No

Hazardous Decomposition Product Not Established

Chemical In Compatibility Strong Reducing Agents, Decolourising Agents, Strong Acids & Alkalies

Condition To Avoid
I) Heating To High Temperature
II) Storage under damp atmosphere

Reactivity Data This material is stable under condition of normal handling and use, but sensitive to moist air.

Handling & Storage

Handling Avoid formation of dust

Storage Keep in closed container at ambient temperature & humidity

Do Not Store Together Store Colourwise

Exposure Controls/Personal Protection

TLV No

Respirator Protection May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)

Ventilation Local ventilation capable of minimising dust emission at the point of use

Eye Protection Protective glasses may be used

Hand Protection Rubber gloves may be used wash the hands before and at the end of work with water, soap

Hazards Identification

Warnings

The usual precautions taken when handling of dyes should be observed.

As the substance is edible dye, no hazardous to water supply.

First Aid Measures

Eye Contact Wash eyes with plenty of water for at least 15 minute

Skin Contact Wash off with plenty of water & soap

Injection Plenty full water to be taken inside, special medical attention may not be necessary

Accidental Release Measures

After Spillage Sweep up spilled substance carefully, then clean with water

Absorbent Material Use clean cotton cloth

Disposal Consideration

Can be sent to an incineration plant in accordance with local regulations



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Fire Fighting Measures

Extinguishing Media	Use dry chemicals or carbon dioxide CO ₂
Thermal Decomposition	Dangerous decomposition is not anticipated

Toxicological Information (In Rats & Mice)

LD 50 Oral	6000-10000 mg/kg body weight
LD 50 intraperitoneal	3800-5000 mg/kg body weight
LD 50 skin	No adverse or pathological effect
LD 50 inhalation	Not Known
Eye Irritation	Not irritating to Eye
Dermal Irritation	Not irritating to skin.
Acceptable Daily Intake	
JECFA	0-0.1 mg/kg body weight
EEC	0-0.1 mg/kg body weight

Ecological Information

Water Hazard	Being an edible dye, Not established
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Transport Information

Not Hazardous Cargo.
Keep separated from hazardous chemicals.

Regulatory Information

Manufactured as per specification set by BIS (India), FAO/WHO (JECFA). Each country has its own laws on colouring of food-stuffs, colourant permitted and their purity standards

Other Information

This product should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties

Note: All requirement shall be on dry basis.

For total dye content: requirement within tolerance limit of $\pm 7.5\%$ the declared of value.