
[MATERIAL SAFETY DATA SHEET (MSDS)]

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

AUTHORIZED BY MDL FOR INTERNAL USE ONLY. FOR EXTERNAL USE, SEE SECTION 16.

FIRST COLOR CO.,LTD..
1236-1, JEUNGWANG-DONG, SHIHUNG,
KYOUNGGI-DO, KOREA

EMERGENCY TELEPHONE NUMBER:
TEL : 82-31-432-6977
FAX : 82-31-432-6329

SUBSTANCE: C.I. PIGMENT RED 3

TRADE NAMES/SYNONYMS : FIRST RED 300

C.I. PIGMENT RED 3

CHEMICAL FAMILY: azo

SECTION 2 COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT: C.I. PIGMENT RED 3

CAS NUMBER: 2425-85-6

PERCENTAGE: 100.0

SECTION 3 HAZARDS IDENTIFICATION

HAZARD DESCRIPTION : This substance is not considered to be a hazardous substance as defined
under the OSHA hazar communication standard (29 CFR 1910.1200)

INFORMATION PERTAINING TO PARTICULAR DANGERS FOR MAN AND ENVIRONMENT :

None.

SECTION 4 FIRST AID MEASURES

SKIN CONTACT: Immediately wash with water and soap and rinse thoroughly.

Seek immediate medical advice.

EYE CONTACT: Rinse opened eye for several minutes under running water. Then consult a doctor.

INGESTION: Call a physician,

INHALATION : If not breathing perform artificial respiration, if breathing give fresh oxygen. Remove to fresh air and call a physician.

SECTION 5 FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS : CO₂, extinguishing powder or water spray.

Fight larger fires with water spray.

PROTECTIVE EQUIPMENT : Wear self-contained respirator.

Wear fully protective impervious suit.

SPECIAL HAZARDS CAUSED BY THE MATERIAL, ITS PRODUCTS OF COMBUSTION OR RESULTING GASES. : In case of fire, the following can be released : Hydrogen chloride.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSON RELATED SAFETY PRECAUTIONS : Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.

MEASURES FOR ENVIRONMENTAL PROTECTION : Do not allow material to be released to the environment without proper governmental permits. Airborne organic pigment dust may be an explosion hazard. Secure source of ignition and avoid raising dust. Ventilate area.

MEASURES FOR CLEANING/COLLECTING : Dispose the material according to item 13.

OTHER PROCEDURES : See Section 7 for information of safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7 HANDLING AND STORAGE

STRONG AND LOADING PRECAUTIONS : Keep away from eye and skin contact. Place in closed containers. Keep away from food. If contacted wash thoroughly.

HANDLING : Keep container tightly sealed. Store in cool, dry place in tightly closed containers.

Avoid dust formation. Ensure good ventilation at the workplace. Open and handle container with care.

Store away from oxidizing agents.

OTHERS : Do not inhale and protect from flammable media.

SECTION 8 EXPOSURE CONTROLS, PERSONAL PROTECTION

EYES : Safety glasses or goggles. Eye-flushing stations.

SKIN : Rubber gloves and protective clothes, apron, impervious gloves.

INHALATION : Use suitable respirator when high concentrations are present.

LOCAL VENTILATION EXITS : Mechanical(General) local ventilation is enough according to the exposure limits.

OTHER PROTECTIVE EQUIPMENTS : The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

FORM : Powder

ODOR: N/D

MELTING POINT : Data unknown

BOILING POINT : N/A

FREEZING POINT : N/A

BULK DENSITY, g/cm³ : 3,1-4,4

SOLUBILITY IN WATER : Insoluble

COLOUR : Red

MOLECULAR WEIGHT : 295

PH : 6,5-8,0

SECTION 10 STABILITY AND REACTIVITY

THERMAL DECOMPOSITION : Stable under normal conditions.

DANGEROUS REACTIONS : None.

POLYMERIZATION : None.

SECTION 11 TOXICOLOGICAL INFORMATION

C.I. PIGMENT RED 3

Acute toxicity:

LD/LC50 values that are relevant for classification:

Oral: LD50: >5 mg/kg (rat)

Primary irritant effect:

Product is non-irritant to skin and eyes.

Sensitization: No sensitizing effects known.

SECTION 12 ECOLOGICAL INFORMATION

Do not allow material to be released to the environment without proper governmental permits.

SECTION 13 DISPOSAL CONSIDERATIONS

Consult state, local or national legislations for proper disposal. Disposal must be made according to official regulations.

SECTION 14 TRANSPORT INFORMATION

PROPER SHIPPING NAME : None.

HAZARD CLASS : None.

Land transport ADR/RID (cross-border)

ADR/RID CLASS : None.

Mairtime transport IMDG:

IMDG CLASS : None.

Not a dangerous good for transportation.

SECTION 15 REGULATORY INFORMATION

None.

SECTION 16 OTHER INFORMATION

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet. Or in combination with any other product or process, is the responsibility of the user.