MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Substance	:	Lead (II) chromate
Trade Name	:	**Lemon Chrome Yellow**
Chemical Family	:	Inorganic Pigments
Molecular Formula	:	PbCrO4. PbSO4
Manufacturer	:	**Sona Synthetics Products** Plot No. C1B/2704/8, IIIrd phase, GIDC, Vapi-396 195 Tel : +91 260 6544697 Fax : +91 260 2410469 Email : exports@sonachromes.com sonasynthetics@gmail.com

2. COMPONENTS AND CHEMICAL CHARACTRISATION

Component	:	Lead Chrome, Lead Sulphate
Percentage	:	>=64%, >=24%
Color Index Name	:	Pigment yellow 34
Substance Name	:	Lead Sulpho Chromate yellow
Pigment Description	:	Co-Precipited Lead Chromate and Lead Sulphate
Color Index No.	:	77603
CAS No.	:	1344-37-2/7758-97-6
EINECS No.	:	215-693-7

3. HAZARD IDENTIFICATION

- There has been concern that this material can cause cancer or mutations, but there is not enough data to make an assessment.
- Serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
- This material can cause serious damage if one is exposed to it for long periods. It can be assumed that it contains a substance which can produce severe defects.
- There is a suspicion that this material directly reduces fertility.
- This material can affect the blood, nervous system, heart, glands, immune system and digestive system. Anemia may occur.

4. FIRST AID MEASURES

SWALLOWED

- If swallowed induct vomiting immediately and refer for medical attention where possible without delay.

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EYE

- If this product comes in contact with the eyes, Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

SKIN

- If skin contact occurs, Immediately remove all contaminated clothing, including footwear Flush skin and hair with running water (and soap if available).

INHALED

- If products are inhaled move to fresh air form contaminated area. Lay patient down and aid in breathing and get medical attention.

5. FIRE AND EXPLOSION DATA

Flash Point	:	Not Applicable
Auto ignition Temp	:	Not Applicable
Lower Exposure Limit	:	Not Applicable
Upper Exposure Limit	:	Not Applicable
Suitable Fire fighting Media	:	Water Spray, Foam
Unsuitable Fire fighting Media	:	CO2

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

- Avoid breathing dust and contact with skin and eyes.
- Wear protective clothing, gloves, safety glasses and dust respirator.

ENVIRONMENTAL PRECAUTIONS

- Sweep & Transfer into suitable and closed containers for disposal. Keep waster out of sewers. Clear area of personnel and Avoid dusting.

METHOD OF CLEANING UP:

- Clean up waste regularly and abnormal spills immediately.
- Use dry clean up procedures and avoid generating dust.
- Vacuum up or sweep up.
- Dampen with water to prevent dusting before sweeping.
- Place in suitable containers for disposal.

7. HANDLING & STORAGE

PROCEDURE FOR HANDLING

- Avoid all personal contact, including inhalation.
- Wear protective clothing (gloves, safety glasses and dust respirator) when risk of exposure occurs.
- Wash thoroughly after handling.

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RECOMMENDED STORAGE METHODS

- Polyethylene or polypropylene container/Bag.
- Check all containers are clearly labeled, closed and free from leaks.
- Keep away from food and feed products.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection

- Local exhaust ventilation , Air-purifying respirator

Hygiene measure

- Keep away from foodstuffs and beverages.
- Wash hands before breaks and after work.
- Clean skin thoroughly after work, apply skin cream.

Hand protection

- Protective rubber gloves

Eye protection

- Safety glasses

9. PHYSICAL DATA & CHEMICAL PROPERTIES

Description	:	Reddish orange colour Powder
Odour	:	odourless
% Volatiles	:	Max 1%
Boiling Point	:	Not Available
Melting Point	:	Not Available
Specific Gravity	:	5.0 – 5.5
Evaporation	:	Not Applicable
pH	:	6.5 – 7.5 (10 gms/250 ml water)
Solubility in Water	:	Insoluble in water

10. STABILITY AND REACTIVITY

- Under normal condition of storage and use, product is considered stable.
- Hazardous decomposition products are none (If proper processing)

11. TOXICOLIGICAL INFORMATION

- Actual Oral toxicity LD50(rat) >5000 mg/kg

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12. ECOLOGICAL INFORMATION

- This product is insoluble in water and can be separated by sedimentation or filtration process.
- Avoid infiltration in waste water drainage or soil.
- Aquatic organisms may cause long-term adverse effects in the aquatic environment.
- This material and its container must be disposed of as hazardous waste.
- Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

- In accordance with current regulations, may be taken to waste disposal site or incineration plant, after consultation with site operator and/or with the responsible authority.

14. TRANSPORT INFORMATION

GGV IMDG CODE	:	None
ICAO/IATA-DGR	:	None
UN No.	:	None
RID/ADR	:	None

15. REGULATORY INFORMATION

- According to the current European regulations relating to classification, packing and labeling of dangerous substance and preparations, this product is not considered dangerous.
- This product is contain toxic chemical subject to the reporting requirements of sec.313 of Title III of the superfund Amendments and Re-authorization Act of 1986 and 40CFR Part 372.

CHEMICAL NAME

- Lead (Total content) CAS No. 7439-92-1 % in weight - 65.0%

16. OTHER INFORMATION

- The MSDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.
- This information is based on our present state of knowledge. It should not therefore, be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

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