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# **FUSION** MIXTURE AR

# MATERIAL SAFETY DATA SHEET SDS/MSDS

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	<b>Product identifiers</b> Product name	Fusion Mixture AR		
	Product Code	: 531455		
1.2	Relevant identified uses of the substance or mixture and uses advised against			
	Identified uses	: Laboratory chemicals, Industrial & for professional use only.		
1.3	Details of the supplier of the safety data sheet			
	Company	<ul> <li>Central Drug House (P) Ltd</li> <li>7/28 Vardaan House</li> <li>Ansari Road Daryaganj</li> <li>New Delhi-110002</li> <li>INDIA</li> </ul>		
	Telephone	: +91 11 49404040		
	Email	care@cdhfinechemical.com		
1.4	1.4 Emergency telephone number			
	Emergency Phone #	: +91 11 49404040 (9:00am - 6:00 pm) [Office hours]		

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Eye irritation (Category 2A), H319 Acute oral toxicity (Category 4), H302

For the full text of the H-Statements mentioned in this Section, see Section 16.

## 2.2 Label elements

Labelling according Regulation (EC) No 1272/2008
Pictogram

Signal word	Warning
Hazard statement(s) H302 H319	Harmful if swallowed. Causes serious eye irritation.
Precautionary statement(s) P280 P264 P270 P301 + P312 P305 + P351 + P338	Wear protective gloves, protective clothing, eye protection, face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove
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P337 + P313 P501 contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Supplemental Hazard Statements

## 2.3 Other hazards

The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## **SECTION 3: Composition/information on ingredients**

#### 3.1 Mixture

Hazardous ingredients according to Regulation (EC) No 1272/2008 Component Classification

none

Concentration

#### **Fusion mixture**

No components need to be disclosed according to the applicable regulations. For the full text of the H-Statements mentioned in this Section, see Section 16.

#### **SECTION 4: First aid measures**

## 4.1 Description of first aid measures

#### If inhaled

Assure fresh air breathing. Allow the victim to rest.

## In case of skin contact

Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

#### In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists : Get medical advice.

## If swallowed

Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor if you feel unwell.

## 4.2 Most important symptoms and effects, both acute and delayed

Swallowing a small quantity of this material will result in serious health hazard. Causes serious eye irritation.

## 4.3 Indication of any immediate medical attention and special treatment needed

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

## SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, Dry powder, Carbon dioxide, Water spray, Sand. Unsuitable extinguishing media: Do not use a heavy water stream. Surrounding fires: Use water spray or fog for cooling exposed containers.

## 5.2 Special hazards arising from the substance or mixture

Under fire conditions, hazardous fumes will be present.

## 5.3 Advice for firefighters

**Protection against fire**: Do not enter fire area without proper protective equipment, including respiratory protection.

**Special procedures**: Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

## 5.4 Further information

No data available

### **SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures For emergency responders: Equip cleanup crew with proper protection. Ventilate area. For non-emergency personnel: Evacuate unnecessary personnel.
- **6.2** Environmental precautions Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.
- 6.3 Methods and materials for containment and cleaning up On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.
- 6.4 Reference to other sections See section 8. Exposure controls/personal protection

## **SECTION 7: Handling and storage**

- 7.1 Precautions for safe handling
   Handling: Do not eat, drink or smoke when using this product. Wash thoroughly after handling.

   Technical protective measures: Provide good ventilation in process area to prevent formation of vapour.
- 7.2 Conditions for safe storage, including any incompatibilities
   Storage: Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.
   Storage away from: Strong bases, Strong acids, Sources of ignition, Direct sunlight.
- 7.3 Specific end use(s) None

## SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

#### 8.2 Exposure controls

## Appropriate engineering controls

General industrial hygiene practice.

#### Personal protective equipment

## **Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

## Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### **Body Protection**

Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### **Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Control of environmental exposure

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

- a) Appearance
- Form: Powder or granules Colour: White

b)	Odour	No data available		
c)	Odour Threshold	No data available		
d)	рН	No data available		
e)	Melting point/freezing point	No data available		
f)	Initial boiling point and boiling range	No data available		
g)	Flash point	No data available		
h)	Evaporation rate	No data available		
i)	Flammability (solid, gas)	No data available		
j)	Upper/lower flammability or explosive limits	No data available		
k)	Vapour pressure	No data available		
I)	Vapour density	No data available		
m)	Relative density	No data available		
n)	Water solubility	Soluble in water		
o)	Partition coefficient: n- octanol/water	No data available		
p)	Auto-ignition temperature	No data available		
q)	Decomposition temperature	No data available		
r)	Viscosity	No data available		
s)	Explosive properties	No data available		
t)	Oxidizing properties	No data available		
Other safety information				

9.2 Other safety information No data available

## **SECTION 10: Stability and reactivity**

- 10.1 Reactivity No data available
- **10.2 Chemical stability** Stable under recommended storage conditions.
- **10.3** Possibility of hazardous reactions No data available
- **10.4** Conditions to avoid Direct sunlight, Extremely high or low temperatures.
- **10.5 Incompatible materials** Strong acids, Strong bases.
- **10.6** Hazardous decomposition products Hazardous decomposition products: Fumes, Carbon monoxide, Carbon dioxide.

## **SECTION 11: Toxicological information**

11.1 Information on toxicological effects

Acute toxicity Harmful if swallowed.

## Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

Causes serious eye irritation.

**Respiratory or skin sensitisation** No data available

**Germ cell mutagenicity** No data available

## Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## **Reproductive toxicity**

No data available

Specific target organ toxicity - single exposure No data available

Specific target organ toxicity - repeated exposure No data available

#### Aspiration hazard No data available

Additional Information RTECS: Not available

## **SECTION 12: Ecological information**

- 12.1 Toxicity No data available
- 12.2 Persistence and degradability No data available
- **12.3 Bioaccumulative potential** No data available
- **12.4 Mobility in soil** No data available

## 12.5 Results of PBT and vPvB assessment The substance does not fulfill the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

## 12.6 Other adverse effects

Environmental precautions: Avoid release to the environment.

## **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

## Product

Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations. Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## Contaminated packaging

Dispose of as unused product.

## **SECTION 14: Transport information**

- 14.1 UN number
  - ADR/RID: -

IMDG: -

IATA: -

14.2		shipping name Not dangerous goods Not dangerous goods Not dangerous goods		
14.3	Transport ADR/RID:	hazard class(es) -	IMDG: -	IATA: -
14.4	Packaging ADR/RID:		IMDG: -	IATA: -
14.5	Environmental hazards ADR/RID: no		IMDG Marine pollutant: no	IATA: no
14.6	<b>Special pr</b> No data av	ecautions for user ailable		

## **SECTION 15: Regulatory information**

**15.1** Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical safety assessment** For this product a chemical safety assessment was not carried out

## **SECTION 16: Other information**

## **Further information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.cdhfinechemical.com for additional terms and conditions of sale.