



SAFETY DATA SHEET

1. Identification of the substance

Product Name: PhenoFluor Mix

Synonyms: -

Catalog number: JR6-L6630MIX

For R&D use only.

Supplier: *JR MediChem, LLC.,
29H Chicopee Dr.
Princeton, NJ 08540 USA
Tel: 732-372-3275 | Fax: 888-253-3498*

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 3), H301

Acute toxicity, Inhalation (Category 3), H331

Acute toxicity, Dermal (Category 3), H311

Skin corrosion (Category 1B), H314

Serious eye damage (Category 1), H318

Specific target organ toxicity - single exposure (Category 3), Respiratory system, H335

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

2.2 GHS Label elements, including precautionary statements

Hazard statement(s)

H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Precautionary statement(s)

P260 Do not breathe dust or mist.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face

P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Rinse mouth.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position



	comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
P305 + P351 + P338 + P310	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
P363	Wash contaminated clothing before reuse.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/ container to an approved waste disposal plant.

3. Composition/information on ingredients.

Mixtures

Hazardous components

Component		Classification	Concentration
Caesium fluoride			
CAS-No.	13400-13-0	Acute Tox. 3; Skin Corr. 1B; Eye Dam. 1; H301 + H311 + H331, H314, H318	>= 50 - < 70 %
EC-No.	236-487-3		
1,3-Bis(2,6-diisopropylphenyl)imidazolium chloride			
CAS-No.	250285-32-6	Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; H315, H319, H335	>= 30 - < 50 %

CAS number: 1648825-53-9

4. First aid measures

Skin contact:	Immediately wash skin with copious amounts of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.
Eye contact:	Immediately wash skin with copious amounts of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. If irritation persists, seek medical attention.
Inhalation:	Remove to fresh air. In severe cases or if symptoms persist, seek medical attention.
Ingestion:	ash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

5. Fire fighting measures

In the event of a fire involving this material, alone or in combination with other materials, use dry powder or carbon dioxide extinguishers. Protective clothing and self-contained breathing apparatus should be worn.

6. Accidental release measures

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Personal precautions:	Wear suitable personal protective equipment which performs satisfactorily and meets local/state/national standards.
Respiratory precaution:	Wear approved mask/respirator
Hand precaution:	Wear suitable gloves/gauntlets
Skin protection:	Wear suitable protective clothing
Eye protection:	Wear suitable eye protection
Methods for cleaning up:	Mix with sand or similar inert absorbent material, sweep up and keep in a tightly closed container for disposal. See section 12.
Environmental precautions:	Do not allow material to enter drains or water courses.

7. Handling and storage

Handling:	This product should be handled only by, or under the close supervision of, those properly qualified in the handling and use of potentially hazardous chemicals, who should take into account the fire, health and chemical hazard data given on this sheet.
Storage:	Store in closed vessels. Air and moisture sensitive. Handle and store under inert gas. Storage class (TRGS 510): Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects.

8. Exposure Controls / Personal protection

Engineering Controls:	Use only in a chemical fume hood.
Personal protective equipment:	Wear laboratory clothing, chemical-resistant gloves and safety goggles.
General hygiene measures:	Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. Physical and chemical properties

Appearance:	Light yellow oil, white wax at low temperature
Boiling point:	No data
Melting point:	No data
Flash point:	No data
Density:	No data
Molecular formula:	
Molecular weight:	

10. Stability and reactivity

Materials to avoid:	Oxidizing agents.
Possible hazardous combustion products:	Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas, Hydrogen fluoride, Cesium/cesium oxides

11. Toxicological information

No data.

12. Ecological information

No data.

13. Disposal consideration



Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

14. Transportation information

Proper shipping name: PhenoFluor Mix

15. Regulatory information

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, or have known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

16. Other information

This MSDS is correct to the best of our knowledge at the date of publication but does not purport to be all inclusive and shall be used only as a guide. JR MediChem shall not be held liable for any injury or damage resulting from handling or from contact with the above product.