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	Version date 03/10/2010 Version 1
1	Identification Product identifier Product roma: Elurprimidal
	Product name: <u>Flurprimidol</u> Stock number: H36812 CAS Number: 56425-91-3 EC number:
	6/11-386-0 Relevant identified uses of the substance or mixture and uses advised against. Identified use: SU24 Scientific research and development
	Details of the supplier of the safety data sheet Manufacturer/Supplier: Alfa Aesar Thermo Fisher Scientific Chemicals, Inc.
	Thermo Fisher Scientific Chemicals, Inc. 30 Bond Street Ward Hill, MA 01835-8099 Tel: 800-343-0660 Fax: 800-322-4757
	Email: tech@alfa.com www.alfa.com <b>Information Department:</b> Health, Safety and Environmental Department
	Emergency telephone number: During normal business hours, call (800) 343-0660. After normal business hours, call Carechem 24 at (866) 928-0789.
2	Hazard(s) identification Classification of the substance or mixture in accordance with 29 CFR 1910 (OSHA HCS) GHS07
	Acute Tox. 4 H302 Harmful if swallowed. Acute Tox. 4 H332 Harmful if inhaled. Hazards not otherwise classified No information known.
	Label elements GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms
	GHS07
	Signal word Warning Hazard statements H302+H332 Harmful if swallowed or if inhaled. Precautionary statements P261 Avoid breathing dust/fume/gas/mist/vapors/spray P264 Wash thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. WHMIS classification D1B - Toxic material causing immediate and serious toxic effects
	Classification system HMIS ratings (scale 0-4) (Hazardous Materials Identification System) HEALTH 2 Health (acute effects) = 2
	FIRE       IFLammability = 1         REACTIVITY       Physical Hazard = 1         Other hazards
	Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.
3	Composition/information on ingredients Chemical characterization: Substances CAS# Description: 56425-91-3 Flurprimidol Concentration: ≤100% Identification number(s): EC number: 611-386-0
4	First-aid measures Description of first aid measures
	<b>After inhalation</b> Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice.
	After skin contact Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice. (Contd. on page 2)
	USA



Safety Data Sheet acc. to OSHA HCS

## Safety Data Sheet

## Product name: Flurprimidol

O de a thair a h a l de	(Contd. of page 2)			
Odor threshold:	Not determined.			
pH-value:	Not applicable.			
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	93-97 °C (199-207 °F) Not determined Not determined			
Flash point: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature:	Not determined Not determined Not determined Not determined			
Auto igniting:	Not determined.			
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure: Density:	Not determined. Not determined Not applicable. Not determined			
Relative density Vapor density Evaporation rate Solubility in / Miscibility with	Not determined. Not applicable. Not applicable.			
Water: Partition coefficient (n-octanol/water): Viscosity: dynamic:	Not applicable.			
kinematic: Other information	Not applicable. No further relevant information available.			
10 Stability and reactivity Reactivity No information known. Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Possibility of hazardous reactions Reacts with strong oxidizing agents Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Hazardous decomposition products: Carbon monoxide and carbon dioxide Hydrogen fluoride Nitrogen oxides				
11 Toxicological information Information on toxicological effects Acute toxicity: Harmful if inhaled. Harmful if swallowed. The Registry of Toxic Effects of Chemical Substances (RTECS) contains acute toxicity data for this substance. LD/LC50 values that are relevant for classification:				
Oral LD50 709 mg/kg (rat)				
Inhalative LCLo/4H 1100 mg/m3/4H (rat)				
Skin irritation or corrosion: May cause irritation Eye irritation or corrosion: May cause irritation Sensitization: No sensitizing effects known. Germ cell mutagenicity: No effects known. Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.				
Reproductive toxicity: No effects known.				
Specific target organ system toxicity -				
Specific target organ system toxicity - single exposure: No effects known.				
Subacute to chronic toxicity: No effect	<b>Aspiration hazard:</b> No effects known. <b>Subacute to chronic toxicity:</b> No effects known. <b>Additional toxicological information:</b> To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.			
12 Ecological information Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant information available.				
13 Disposal considerations Waste treatment methods Recommendation Consult state, local o Uncleaned packagings: Recommendation: Disposal must be ma	r national regulations to ensure proper disposal. ade according to official regulations.			

USA (Contd. on page 4)

Product name: Flurprimidol

Product name: Flurprimidol			
	(Contd. of page 3)		
14 Transport information			
UN-Number DOT, ADN, IMDG, IATA	Not applicable		
UN proper shipping name DOT, ADR, ADN, IMDG, IATA	Not applicable		
Transport hazard class(es)			
DOT, ADR, ADN, IMDG, IATA Class	Not applicable		
Packing group DOT, ADR, IMDG, IATA	Not applicable		
Environmental hazards:	Not applicable.		
Special precautions for user	Not applicable.		
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.			
Transport/Additional information:			
DOT			
Marine Pollutant (DOT):	No.		
UN "Model Regulation":	Not applicable		
Safety, health and environmental regulations/legislation specific for the substance or mixture GHS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms GHS07 Signal word Warning Hazard statements H322+H3782 Harmful if swallowed or if inhaled. Precautionary statements H322+H3740 He NHALED: Remove person to fresh air and keep comfortable for breathing. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you free unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you free unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you free unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P301+P312 IF SWALLOWED: Call a PAISEN P301 F312 IF SWALLOWED: Call B42 IF Call B42 IF C			
Chemical safety assessment: A Chemical Safety Assessment has not béen carried out.			

## 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 Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.
Department issuing SDS: Global Marketing Department
Date of preparation/Revision: Print date, revision date and version number are in the header of each page.
Abbrevations and accomyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDE: International Maritime Code for Dangerous Goods
DOT: US Department of Transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDE: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
HMIS: Hazardous Materials Identification System (USA)
WHMIS: Workplace Hazardous Materials Information System (Canada)
LESO: Lethal concentration, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
VP-WE very Persistent and very Bioaccumulative
ACGIH: American Conference of Governmental Industrial Hygienists (USA)
OSHA: Occupational Safety and Health Administration (USA)
MTP: National Toxicology Program (USA)
Acute Tox. 4: Acute toxicity – Category 4

USA