## Safety Data Sheet



1 - Identification of substance and Axon catalogue ID	CAS number	Manufacturer's name	Emergency Telephone number
1394	220127-57-1		
Product name	Batch no.	Axon Medchem BV Street address	+31 (0)50 311 8007 <i>Manufacturer's fax number</i>
Imatinib mesylate	1	Biotech Center UMCG, Hanzeplein 1	+31 (0)50 3600390
IUPAC name	Application	Postal Code City	Manufacturer's email address
N-(4-methyl-3-(4-(pyridin-3-yl)pyrimidin-2-	Bcr-Abl; c-kit and PDGF-R. inhibitor	9713 GZ Groningen	info@axonmedchem.com
ylamino)phenyl)-4-((4-methylpiperazin-1-	Bor Abi, e kit and i Bar H. minister	Province Country of origin	Manufacturer's website
yl)methyl)benzamide mesylate		Groningen The Netherlands	http://www.axonmedchem.com
2 - Hazards identification			
Route of entry	GHS Pictogram Potential health effect	te	
Eye contact, Inhalation, Digestion		halation, ingestion or eye and/or skin absor	ration. May cause irritation to ever mucou
Symptoms of Exposure		spiratory system, and/or skin. The toxicolog	
No data available	· · · · ·	esearch purposes only.	
3 - Information on ingredients			
Hazardous ingredient	CAS number	Concentration	LD-50 of ingredient
Imatinib mesylate	220127-57-1	99.9%	No data available
4 - First Aid Measures			
Skin contact	Eye contact	Inhalation	Ingestion
Wash with copious amounts of water for	Rinse with copious amounts of water for	Transfer victim to an un-effected area	Rinse mouth out with copious amounts
at least 15 minutes. Remove	at least 15 minutes as a precaution.	and monitor breathing. If breathing	water, contact a physician.
contaminated clothing.		becomes difficult administer oxygen. If	
5 - Fire Fighting Measures		breathing stops give artificial respiration.	
5 5	Flamable	Flachpoint (°C)	Hazardous combustion products
<i>Fire fighting instructions</i> Use extinguishing media appropriate to	No data available	<i>Flashpoint (°C)</i> No data available	Hazardous combustion products May emit toxic gasses like carbo
the surrounding fire conditions. Wear	NO Uala available	NO Uala available	monoxide (CO), carbon dioxide (CO2
protective clothing to prevent contact with			hydrochloric acid (HCl), nitrogen oxid
skin, eyes, and respiratory system.			upon thermal decomposition.
6 - Accidental Release Measures			
Leak and spill procedures			
		a an annuantiata containat ao desculhad und	lar Dianagal Canditiana Avaid raiging dua
Wear appropriate protective clothing. Vaci	Jum or sweep up dry material and dispose ii	an appropriate container as described und	iei Dispusai Cunulliuns. Avulu taising dus
	uum or sweep up dry material and dispose in d-binding material. After removal, ventilate and		
Absorb solutions with finely-powdered liquid			
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Absorb solutions with finely-powdered liquic according to section 13. 7 - Handling and Storage Handling procedures and equipment Avoid inhalation, contact with eyes, skin a independent air supply. Storage requirements Store in a properly sealed container under 1 8 - Exposure Control / Personal Pro- Exposure limits No data available 9 - Physical and chemical propertie Batch molecular formula C29H31N7O.CH4O3S Batch MW 589.71 10 - Stability and reactivity Stable under normal handling conditions. 11 - Toxicological information Toxicity No data available 12 - Ecological information Treat as potentially toxic. Runoff from fire c 13 - Disposal considerations Treat as potentially toxic. Dispose in accord 14 - Transport Information (US) DOT shipping name No data available 15 - Regulatory Information Hazardous ingredient	d-binding material. After removal, ventilate and and clothing. Wear appropriate protective cloth the storage conditions indicated on the label. <b>Stection</b> Protection of hands/skin Chemical resistant gloves and lab coat S Appearance Off-White solid Melting point 224 °C Reactivity May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCI), nitrogen oxide upon thermal decomposition. Carcinogenicity No data available ontrol or dilution with water may cause pollution tance with local, state, and federal regulations IATA class	A decontaminate surfaces and equipment with hing. Avoid repeated and/or prolonged expose Protection of eyes Appropriate safety glasses Chemical purity 99.9% Optical purity (ee) N.A. Conditions and materials to avoid Protect from light and heat. Avoid strong oxidizing agents. Mutagenicity No data available n. Applicable HS class 2942.00.0000 CAS number 220127-57-1	a alcohol. Dispose of contaminated material sure. Use in a chemical fume hood, with a Protection of respiratory system Handle in fume hood. Prevent inhalation Solubility in water (mg/mL) 0.0 Teratogenicity No data available Transportation (Land/Sea/Air)
Absorb solutions with finely-powdered liquic according to section 13. 7 - Handling and Storage Handling procedures and equipment Avoid inhalation, contact with eyes, skin a independent air supply. Storage requirements Store in a properly sealed container under 1 8 - Exposure Control / Personal Pro- Exposure limits No data available 9 - Physical and chemical propertie Batch molecular formula C29H31N7O.CH403S Batch MW 589.71 10 - Stability and reactivity Stability Stable under normal handling conditions. 11 - Toxicological information Toxicity No data available 12 - Ecological information Treat as potentially toxic. Runoff from fire c 13 - Disposal considerations Treat as potentially toxic. Dispose in accord 14 - Transport Information (US) DOT shipping name No data available 15 - Regulatory Information Hazardous ingredient Imatinib mesylate European risk and saftey phrases	d-binding material. After removal, ventilate and and clothing. Wear appropriate protective cloth the storage conditions indicated on the label. <b>Protection</b> <b>Protection of hands/skin</b> Chemical resistant gloves and lab coat <b>S</b> <b>Appearance</b> Off-White solid <b>Melting point</b> 224 °C <b>Reactivity</b> May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCI), nitrogen oxide upon thermal decomposition. <b>Carcinogenicity</b> No data available ontrol or dilution with water may cause pollution <b>tance with local, state, and federal regulations</b> <b>IATA class</b> No data available	A decontaminate surfaces and equipment with hing. Avoid repeated and/or prolonged expose Protection of eyes Appropriate safety glasses Chemical purity 99.9% Optical purity (ee) N.A. Conditions and materials to avoid Protect from light and heat. Avoid strong oxidizing agents. Mutagenicity No data available n. Applicable HS class 2942.00.0000 CAS number 220127-57-1 US EPA SARA Title III	a alcohol. Dispose of contaminated material sure. Use in a chemical fume hood, with a Protection of respiratory system Handle in fume hood. Prevent inhalation Solubility in water (mg/mL) 0.0 Teratogenicity No data available Transportation (Land/Sea/Air) Non-hazardous
Absorb solutions with finely-powdered liquic according to section 13. 7 - Handling and Storage Handling procedures and equipment Avoid inhalation, contact with eyes, skin a independent air supply. Storage requirements Store in a properly sealed container under 1 8 - Exposure Control / Personal Pro- Exposure limits No data available 9 - Physical and chemical propertie Batch molecular formula C29H31N7O.CH4O3S Batch MW 589.71 10 - Stability and reactivity Stability Stable under normal handling conditions. 11 - Toxicological information Toxicity No data available 12 - Ecological information Treat as potentially toxic. Bupoff from fire c 13 - Disposal considerations Treat as potentially toxic. Dispose in accord 14 - Transport Information (US) DOT shipping name No data available 15 - Regulatory Information Hazardous ingredient Imatinib mesylate European risk and saftey phrases R48: Danger of serious damage to health b	d-binding material. After removal, ventilate and and clothing. Wear appropriate protective cloth the storage conditions indicated on the label. <b>Protection</b> <b>Protection of hands/skin</b> Chemical resistant gloves and lab coat <b>S</b> <b>Appearance</b> Off-White solid <b>Melting point</b> 224 °C <b>Reactivity</b> May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCI), nitrogen oxide upon thermal decomposition. <b>Carcinogenicity</b> No data available ontrol or dilution with water may cause pollution <b>tance with local, state, and federal regulations</b> <b>IATA class</b> No data available	A decontaminate surfaces and equipment with hing. Avoid repeated and/or prolonged expose Protection of eyes Appropriate safety glasses Chemical purity 99.9% Optical purity (ee) N.A. Conditions and materials to avoid Protect from light and heat. Avoid strong oxidizing agents. Mutagenicity No data available n. Applicable HS class 2942.00.0000 CAS number 220127-57-1 US EPA SARA Title III Sec.302 (EHS) - No	a alcohol. Dispose of contaminated material   sure. Use in a chemical fume hood, with a   Protection of respiratory system   Handle in fume hood. Prevent inhalation   Solubility in water (mg/mL)   0.0   Teratogenicity   No data available   Transportation (Land/Sea/Air)   Non-hazardous   US EPA CAA, CWA, TSCA   EPA CAA - No
Absorb solutions with finely-powdered liquic according to section 13. 7 - Handling and Storage Handling procedures and equipment Avoid inhalation, contact with eyes, skin a independent air supply. Storage requirements Store in a properly sealed container under 1 8 - Exposure Control / Personal Pro- Exposure limits No data available 9 - Physical and chemical propertie Batch molecular formula C29H31N7O.CH403S Batch MW 589.71 10 - Stability and reactivity Stable under normal handling conditions. 11 - Toxicological information Toxicity No data available 12 - Ecological information Treat as potentially toxic. Runoff from fire c 13 - Disposal considerations Treat as potentially toxic. Dispose in accord 14 - Transport Information (US) DOT shipping name No data available 15 - Regulatory Information Hazardous ingredient Imatinib mesylate European risk and saftey phrases R48: Danger of serious damage to health b S22 - Do not breathe dust.	d-binding material. After removal, ventilate and nd clothing. Wear appropriate protective cloth the storage conditions indicated on the label. Intection Protection of hands/skin Chemical resistant gloves and lab coat <b>S</b> Appearance Off-White solid Metting point 224 °C Reactivity May emit toxic gasses like carbon monoxide (CO), carbon dioxide (CO2), hydrochloric acid (HCI), nitrogen oxide upon thermal decomposition. Carcinogenicity No data available ontrol or dilution with water may cause pollution lance with local, state, and federal regulations IATA class No data available	A decontaminate surfaces and equipment with aning. Avoid repeated and/or prolonged expose Protection of eyes Appropriate safety glasses Chemical purity 99.9% Optical purity (ee) N.A. Conditions and materials to avoid Protect from light and heat. Avoid strong oxidizing agents. Mutagenicity No data available n. Applicable HS class 2942.00.0000 CAS number 220127-57-1 US EPA SARA Title III Sec.302 (EHS) - No Sec.302 (EHS) - No	a alcohol. Dispose of contaminated material   sure. Use in a chemical fume hood, with a   Protection of respiratory system   Handle in fume hood. Prevent inhalation   Solubility in water (mg/mL)   0.0   Teratogenicity   No data available   Transportation (Land/Sea/Air)   Non-hazardous   US EPA CAA, CWA, TSCA   EPA CAA - No   EPA CWA NPDES - No
Absorb solutions with finely-powdered liquic according to section 13. 7 - Handling and Storage Handling procedures and equipment Avoid inhalation, contact with eyes, skin a independent air supply. Storage requirements Store in a properly sealed container under 1 8 - Exposure Control / Personal Pro- Exposure limits No data available 9 - Physical and chemical propertie Batch molecular formula C29H31N7O.CH403S Batch MW 589.71 10 - Stability and reactivity Stable under normal handling conditions. 11 - Toxicological information Toxicity No data available 12 - Ecological information Treat as potentially toxic. Runoff from fire co 13 - Disposal considerations Treat as potentially toxic. Dispose in accord 14 - Transport Information (US) DOT shipping name No data available 15 - Regulatory Information Hazardous ingredient Imatinib mesylate European risk and saftey phrases R48: Danger of serious damage to health b S22 - Do not breathe dust. S24/S25 - Avoid any inhalation, contact witt	d-binding material. After removal, ventilate and and clothing. Wear appropriate protective cloth the storage conditions indicated on the label. the stin and eyes.	A decontaminate surfaces and equipment with hing. Avoid repeated and/or prolonged expose Protection of eyes Appropriate safety glasses Chemical purity 99.9% Optical purity (ee) N.A. Conditions and materials to avoid Protect from light and heat. Avoid strong oxidizing agents. Mutagenicity No data available n. Applicable HS class 2942.00.0000 CAS number 220127-57-1 US EPA SARA Title III Sec.302 (EHS) - No Sec.313 (TRI) - No	a alcohol. Dispose of contaminated material   sure. Use in a chemical fume hood, with a   Protection of respiratory system   Handle in fume hood. Prevent inhalation   Solubility in water (mg/mL)   0.0   Teratogenicity   No data available   Transportation (Land/Sea/Air)   Non-hazardous   US EPA CAA, CWA, TSCA   EPA CAA - No   EPA CWA NPDES - No   EPA TSCA - No
Absorb solutions with finely-powdered liquic according to section 13. 7 - Handling and Storage Handling procedures and equipment Avoid inhalation, contact with eyes, skin a independent air supply. Storage requirements Store in a properly sealed container under 1 8 - Exposure Control / Personal Pro Exposure limits No data available 9 - Physical and chemical propertie Batch molecular formula C29H31N7O.CH403S Batch MW 589.71 10 - Stability and reactivity Stable under normal handling conditions. 11 - Toxicological information Toxicity No data available 12 - Ecological information Treat as potentially toxic. Runoff from fire c 13 - Disposal considerations Treat as potentially toxic. Dispose in accord 14 - Transport Information (US) DOT shipping name No data available 15 - Regulatory Information Hazardous ingredient Imatinib mesylate European risk and saftey phrases R48: Danger of serious damage to health b S24/S25 - Avoid any inhalation, contact witt S36/S37/S39 - Wear suitable protective clo	d-binding material. After removal, ventilate and and clothing. Wear appropriate protective cloth the storage conditions indicated on the label. the stin and eyes.	A decontaminate surfaces and equipment with hing. Avoid repeated and/or prolonged expose Protection of eyes Appropriate safety glasses Chemical purity 99.9% Optical purity (ee) N.A. Conditions and materials to avoid Protect from light and heat. Avoid strong oxidizing agents. Mutagenicity No data available n. Applicable HS class 2942.00.0000 CAS number 220127-57-1 US EPA SARA Title III Sec.302 (EHS) - No Sec.313 (TRI) - No Sec.110 - No	a alcohol. Dispose of contaminated material   sure. Use in a chemical fume hood, with a   Protection of respiratory system   Handle in fume hood. Prevent inhalation   Solubility in water (mg/mL)   0.0   Teratogenicity   No data available   Transportation (Land/Sea/Air)   Non-hazardous   US EPA CAA, CWA, TSCA   EPA CAA - No   EPA CWA NPDES - No

**16** - Other information The above information is believed to be accurate and represents the best information currently available to us, but does not purport to be complete. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists. For research use only by trained personnel. CAUTION: SUBSTANCE NOT FULLY TESTED