3-Amino-2-chloro-6-methylphenol: sc-283644

MATERIAL SAFETY DATA SHEET

Section 1: Product & Company Identification

Product Name: 3-Amino-2-chloro-6-methylphenol
Catalog Number: sc-283644
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

Section 2: Hazards identification

Classification of the substance or mixture
Classification under CHIP

R20/21/22	Xn
R36/37/38	Xi

Classification under CLP

H302+312+332	Acute Tox. 4
H315	Skin Irrit. 2
H319	Eye Irrit. 2
H335	STOT SE 3

Most important adverse effects:
Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.
Label elements under CLP
Hazard statements

H302+312+332	Harmful if swallowed, in contact with skin or if inhaled
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Hazard pictograms
GHS07 Exclamation mark

Signal words Warning
Precautionary statements
P280 Wear protective gloves/protective clothing/eye protection/face protection.
Label elements under CHIP
Hazard symbols Harmful

Risk phrases

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.

Safety phrases

S22	Do not breathe dust.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.

Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

Chemical identity: 3-Amino-2-chloro-6-methylphenol
Formula: C7H8ClNO
Molecular Weight: 157.6
CAS Number: 84540-50-1

Section 4: First aid measures

Skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact

Bath the eye with running water for 15 minutes. Consult a doctor.

Ingestion

Wash out mouth with water. Do not induce vomiting. If conscious, give half a liter of water to drink immediately. Consult a doctor.

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Most important symptoms and effects, both acute and delayed

Skin contact	There may be irritation and redness at the site of contact.
Eye contact	There may be irritation and redness. The eyes may water profusely.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

Section 5: Fire-fighting measures

Extinguishing media

Carbon dioxide, dry chemical powder, foam. Suitable extinguishing media for the surrounding fire should be used.

Special hazards arising from the substance or mixture

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Nitrogen oxides (NOx). Hydrogen chloride (HCl).

Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Do not create dust.

Environmental precautions

Do not discharge into drains or rivers.

Methods and material for containment and cleaning up

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Section 7: Handling and storage

Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air. Only use in fume hood.

Conditions for safe storage, including any incompatibilities
Store in cool, well ventilated area. Keep container tightly closed. Store at 4 °C. Store under Argon.
Suitable packaging
Must only be kept in original packaging.

Section 8: Exposure controls/personal protection

Control parameters
Workplace exposure limits
Not applicable.
Exposure controls
Engineering measures
Ensure there is sufficient ventilation of the area.
Respiratory protection
Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
Hand protection
Protective gloves.
Eye protection
Safety glasses. Ensure eye bath is to hand.
Skin protection
Protective clothing.

Section 9: Physical and chemical properties

Form	Solid	Odor	No data available
Evaporation rate	No data available	Oxidizing	No data available
Solubility in water	No data available	Also soluble in	No data available
Viscosity	No data available	Boiling point/range°C	No data available
Melting point/range°C	75 - 77	Flash point°C	No data available
Part.coeff. n-octanol/water	No data available	Vapor pressure	No data available
Relative density	No data available	pH	No data available

Section 10: Stability and reactivity

Reactivity
Stable under recommended transport of storage conditions.
Chemical stability
Stable under normal conditions.
Possibility of hazardous reactions
Hazardous reactions will not occur under normal transport or storage conditions.
Conditions to avoid
Heat.
Incompatible materials
Strong oxidizing agents. Strong acids.
Hazardous decomposition products
In combustion emits toxic fumes of carbon dioxide / carbon monoxide. Nitrogen oxides (NOx). Hydrogen chloride (HCl).

Section 11: Toxicological information

Information on toxicological effects
Relevant hazards for substance

Hazard	Route	Basis
Acute toxicity (ac. tox.4)	INH DRM ING	Based on test data
Skin corrosion/irritation	DRM	Based on test data
Serious eye damage/irritation	OPT	Based on test data
STOT-single exposure	INH	Based on test data

Symptoms / routes of exposure

Skin contact	There may be irritation and redness at the site of contact.
Eye contact	There may be irritation and redness. The eyes may water profusely.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.

Other information

High hazard Class III chemical : assigned according to Cramer decision tree with extensions (predicted *) Structural alert for genotoxic carcinogenicity. (predicted *) Potential carcinogen based on QSAR (predicted *) Unlikely to be a mutagen based on QSAR (predicted *)

Section 12: Ecological information

Toxicity

Ecotoxicity values: Not applicable.

Persistence and degradability

Persistent chemical (predicted *)

Bioaccumulative potential

No bioaccumulation potential.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

Other adverse effects

No data available.

Section 13: Disposal considerations

Waste treatment methods

Disposal operations

MATERIAL SHOULD BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

Disposal of packaging

Dispose of as special waste in compliance with local and national regulations Observe all federal, state and local environmental regulations.

NB

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class

This product does not require a classification for transport.

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

6/23/2014