

Version
1.0Revision Date:
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H40001006407Date of last issue: -
Date of first issue: 05/08/2024**SECTION 1. IDENTIFICATION****Identification of the company:**Archroma U.S., Inc.
5435 77 Center Drive, Suite 10
Charlotte, NC, 28217
Telephone No.: +1 704-353-4100**Information of the substance/preparation:**

Product Stewardship +1 704-353-4120

Emergency tel. number: +1 202 464 2554 (NCEC)**Trade name:****LANASET BLACK B GR****0025****Material number:**

287682

Chemical family:

Mixture

Primary product use:

textile dye

Recommended use of the chemical and restrictions on use

Recommended restrictions on use: Unknown

Initial Supplier Identifier
Données relatives au fournisseur**Univar Solutions Canada Ltd.**64 Arrow Road
North York, ON M9M 2L9
Telephone: 1-866-686-4827**SECTION 2. HAZARDS IDENTIFICATION****GHS Classification**

Eye irritation : Category 2A

Skin sensitisation : Category 1

Acute aquatic toxicity : Category 1

Chronic aquatic toxicity : Category 1

GHS label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H410 Very toxic to aquatic life with long lasting effects.Precautionary statements : **Prevention:**
P261 Avoid breathing dust.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of

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the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

P302 + P352 IF ON SKIN: Wash with plenty of water.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

Disposal:

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (%)
ACID BLACK 107	70236-55-4	>= 30 - < 50
ACID BLACK 172	57693-14-8	>= 30 - < 50
ACID GREEN 73	72403-66-8	>= 1 - < 2.5

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Show this safety data sheet to the doctor in attendance.
Treat symptomatically.
Get medical attention if symptoms occur.

If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact : In case of contact, immediately flush skin with plenty of water.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.

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Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms
and effects, both acute and
delayed : None known.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : Exercise caution when using a high volume water jet as it may scatter and spread fire
- Specific hazards during fire-fighting : Do not allow run-off from fire fighting to enter drains or water courses.
- In case of fire hazardous decomposition products may be produced such as:
Carbon oxides
Sulphur oxides
Carbon dioxide (CO₂)
Carbon monoxide
Nitrogen oxides (NO_x)
- Hazardous combustion products : Carbon oxides
Nitrogen oxides (NO_x)
Sulphur oxides
Carbon dioxide (CO₂)
Carbon monoxide
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Avoid dust formation.
Avoid breathing dust.
Refer to protective measures listed in sections 7 and 8.
Information regarding Safe handling, see chapter 7.

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For personal protection see section 8.
Information regarding Waste Disposal, see chapter 13.

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.

Advice on safe handling : Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
Avoid formation of respirable particles.
Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Keep in properly labelled containers.

Materials to avoid : For incompatible materials please refer to Section 10 of this SDS.

Recommended storage temperature : < 40 °C

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
72403-66-8	ACID GREEN 73	TWAEV	0.5 mg/m ³ (chromium)	CA QC OEL

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Engineering measures : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

Respiratory protection : Local ventilation to keep levels below established threshold values is recommended. In case of prolonged exposure to airborne dust concentrations, a suitable particle filter mask that complies with the requirements of national legislation is recommended, depending on the expected exposure levels.

Hand protection

Remarks : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Protective measures : Observe the usual precautions for handling chemicals.
Ensure that eyewash stations and safety showers are close to the workstation location.
Avoid contact with skin and eyes.
Do not breathe dust.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : granules

Colour : black

Odour : odourless

Odour Threshold : No data available

pH : 7.5 - 8.5, Concentration: 1 g/l (20 °C)

Melting point : not available

Boiling point : not available

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Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not expected to form explosive dust-air mixtures.
Burning rate	: Fire will spread by smouldering or slow decomposition.
Upper explosion limit	: Not applicable
Lower explosion limit	: Not applicable
Vapour pressure	: Not applicable
Relative vapour density	: Not applicable
Relative density	: not available
Density	: 0.69 g/cm ³ (20 °C)
Bulk density	: not available
Solubility(ies)	
Water solubility	: >= 65 g/l (90 °C)
Partition coefficient: n-octanol/water	: not available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 200 °C
Viscosity	
Viscosity, dynamic	: Not applicable
Viscosity, kinematic	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: not available
Impact sensitivity	: Not impact sensitive.
Surface tension	: Not applicable
Molecular weight	: Not applicable

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
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Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: Dust may form explosive mixture in air.
Conditions to avoid	: None known.
Incompatible materials	: None known.
Hazardous decomposition products	: Carbon dioxide (CO ₂) Carbon monoxide Nitrogen oxides (NO _x) Sulphur oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

None known.

Acute toxicity

Product:

Acute oral toxicity : Remarks: not available

Acute inhalation toxicity : Remarks: not available

Components:

70236-55-4:

Acute oral toxicity : LD₅₀ (Rat, male and female): 8,000 mg/kg
Method: OECD Test Guideline 401

57693-14-8:

Acute oral toxicity : LD₅₀ (Rat, female): > 2,000 mg/kg
Method: OECD Test Guideline 423
Assessment: The substance or mixture has no acute oral toxicity

Acute dermal toxicity : LD₅₀ (Rat, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
Assessment: The substance or mixture has no acute dermal toxicity

72403-66-8:

Acute oral toxicity : LD₅₀ (Rat, male and female): > 5,000 mg/kg
Method: OECD Test Guideline 401
GLP: no
Assessment: The substance or mixture has no acute oral toxicity

Acute dermal toxicity : LD₅₀ (Rabbit, male and female): > 2,000 mg/kg
Method: OECD Test Guideline 402
GLP: no
Assessment: The substance or mixture has no acute dermal

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toxicity

Skin corrosion/irritation**Product:**

Remarks: not available

Components:**70236-55-4:**

Species: Rabbit

Result: No skin irritation

72403-66-8:

Species: Rabbit

Exposure time: 4 h

Method: OECD Test Guideline 404

Result: No skin irritation

GLP: yes

Serious eye damage/eye irritation**Product:**

Remarks: not available

Components:**70236-55-4:**

Species: Rabbit

Result: No eye irritation

57693-14-8:

Species: Rabbit

Result: Irritating to eyes.

Assessment: Moderate eye irritant

Method: OECD Test Guideline 405

72403-66-8:

Species: Rabbit

Result: No eye irritation

Respiratory or skin sensitisation**Product:**

Remarks: not available

Components:**70236-55-4:**

Test Type: Maximisation Test

Exposure routes: Skin

Species: Guinea pig

Method: OECD Test Guideline 406

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Result: Does not cause skin sensitisation.

57693-14-8:

Exposure routes: Skin

Species: Guinea pig

Assessment: May cause sensitisation by skin contact.

Method: OECD Test Guideline 406

Result: May cause sensitisation by skin contact.

72403-66-8:

Test Type: Maximisation Test

Exposure routes: Skin

Species: Guinea pig

Method: OECD Test Guideline 406

Result: Probability or evidence of low to moderate skin sensitisation rate in humans

GLP: yes

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: not available

Components:**70236-55-4:**

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative

: Test Type: Ames test
Species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: positive

: Species: Chinese hamster fibroblasts
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 473
Result: negative

Genotoxicity in vivo : Species: Mouse (male and female)
Method: OECD Test Guideline 474
Remarks: negative

57693-14-8:

Genotoxicity in vitro : Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: Not classified due to inconclusive data.

: Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative

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Genotoxicity in vivo : Application Route: Intraperitoneal injection
Dose: 150 mg/kg
Method: OECD Test Guideline 474
Remarks: negative

72403-66-8:

Genotoxicity in vitro : Test Type: In vitro mammalian cell gene mutation test
Species: Chinese hamster lung cells
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative
GLP: yes

Genotoxicity in vivo : Test Type: In vivo micronucleus test
Species: Rat (male and female)
Application Route: Oral
Exposure time: 2 d
Dose: 2 000 mg/kg bw/day
Method: OECD Test Guideline 474
GLP: yes
Remarks: negative

Carcinogenicity**Product:**

Remarks: not available

Reproductive toxicity**Product:**

Effects on fertility :
Remarks: not available

Effects on foetal development : Remarks: not available

Components:**70236-55-4:**

Effects on fertility : Species: Rat, male and female
Application Route: Oral
Dose: 100, 330 or 1000 milligram per kilogram
General Toxicity - Parent: No observed adverse effect level:
1,000 mg/kg body weight
General Toxicity F1: No observed adverse effect level: 1,000
mg/kg body weight
Method: OECD Test Guideline 422

Effects on foetal development : Species: Rat, male and female
Application Route: Oral
Dose: 100, 330 or 1000 milligram per kilogram
General Toxicity Maternal: No observed adverse effect level:
1,000 mg/kg body weight

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Embryo-foetal toxicity: No observed adverse effect level:
1,000 mg/kg body weight
Method: OECD Test Guideline 422

57693-14-8:

Effects on foetal develop-
ment

: Species: Rat, male and female
Application Route: Oral
General Toxicity Maternal: No observed adverse effect level:
1,000 mg/kg body weight
Method: OECD Test Guideline 422
Result: No teratogenic effects

STOT - single exposure**Product:**

Remarks: not available

STOT - repeated exposure**Product:**

Remarks: not available

Repeated dose toxicity**Product:**

Remarks: not available

Components:**70236-55-4:**

Species: Rat, male and female
NOAEL: 1,000 mg/kg
Application Route: Oral
Method: OECD Test Guideline 422

57693-14-8:

Species: Rat
No observed adverse effect level: 1000 mg/kg
Application Route: Ingestion
Exposure time: 672 h
Method: Subacute toxicity

Aspiration toxicity**Product:**

No data available

Symptoms and effects**Product:**

General Information : The possible symptoms known are those derived from the
labelling (see section 2).

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Remarks: none

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**Toxicity to fish :
Remarks: not availableToxicity to daphnia and other :
aquatic invertebrates Remarks: not availableToxicity to algae :
Remarks: not available

Toxicity to bacteria : Remarks: not available

Components:**70236-55-4:**Toxicity to fish : LC50 (Danio rerio (zebra fish)): 0.66 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10 mg/l
aquatic invertebrates Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202M-Factor (Acute aquatic tox- : 1
icity)M-Factor (Chronic aquatic : 1
toxicity)Toxicity to bacteria : IC50: > 300 mg/l
Exposure time: 3 h
Method: OECD Test Guideline 209**57693-14-8:**Toxicity to fish : LC50 (Brachydanio rerio (zebrafish)): 3 mg/l
Exposure time: 96 h
Test Type: semi-static test
Test substance: Fresh water
Method: OECD Test Guideline 203

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 79 mg/l

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aquatic invertebrates Exposure time: 48 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 202

Toxicity to algae : ErC50: 103 mg/l
Exposure time: 168 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 221

Toxicity to bacteria : EC50 (activated sludge): 107 mg/l
Exposure time: 3 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 209

72403-66-8:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 2 mg/l
Exposure time: 96 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 203
GLP: no

Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): 2.3 mg/l
aquatic invertebrates Exposure time: 48 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 202
GLP: yes

Toxicity to algae : EC50 (Lemna minor (duckweed)): 192 mg/l
Exposure time: 7 d
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 221
GLP: yes

Toxicity to bacteria : IC50 (activated sludge): > 100 mg/l
Exposure time: 3 h
GLP: no

Persistence and degradability**Product:**

Biodegradability : Exposure time: 28 d
Method: OECD Test Guideline 302B

Biochemical Oxygen De- : 0 mg/g
mand (BOD)

Chemical Oxygen Demand : 950 mg/g
(COD)

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Physico-chemical removability : Remarks: not available

Components:**70236-55-4:**

Biochemical Oxygen Demand (BOD) : 4 mg/g
Incubation time: 5 d
Method: Directive 67/548/EEC, Annex V, C.5

Chemical Oxygen Demand (COD) : 1,024 mg/g

57693-14-8:

Biodegradability : Inoculum: activated sludge
Result: Inherently biodegradable.
Exposure time: 28 d
Method: OECD Test Guideline 302B

Biochemical Oxygen Demand (BOD) : 35 mg/g
Incubation time: 5 d
Method: Directive 67/548/EEC, Annex V, C.5

Chemical Oxygen Demand (COD) : 1,006 mg/g

72403-66-8:

Biodegradability : aerobic
Inoculum: activated sludge
Concentration: 130.9 mg/l
Result: Not inherently biodegradable.
Exposure time: 28 d
Method: OECD Test Guideline 302B
GLP: yes

Biochemical Oxygen Demand (BOD) : 6 mg/g
Incubation time: 5 d
Method: Directive 67/548/EEC, Annex V, C.5
GLP: yes

Chemical Oxygen Demand (COD) : 1,113 mg/g

Bioaccumulative potential**Product:**

Bioaccumulation : Remarks: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Components:

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70236-55-4:

Partition coefficient: n-octanol/water : log Pow: < 3 (20 °C)

57693-14-8:

Partition coefficient: n-octanol/water : log Pow: -1.74 (20 °C)

72403-66-8:

Partition coefficient: n-octanol/water : log Pow: < 3 (20 °C)

Mobility in soil**Product:**

Distribution among environmental compartments : Remarks: No information is available on the mixture "as is". If relevant information is available on the substances listed in Chapter 3, it is reported here.

Other adverse effects**Product:**

Environmental fate and pathways : Remarks: not available

Results of PBT and vPvB assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Remarks: **G1018016RE**

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life with long lasting effects.

Product can contain organic bound Halogen and contribute to AOX-values

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemi-

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cal or used container.
Send to a licensed waste management company.
Dispose of as hazardous waste in compliance with local and national regulations.
Dispose of contents/ container to an approved waste disposal plant.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

TDG

Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN/ID number:	UN 3077
Primary risk:	9
Remarks:	Shipment permitted
Hazard inducer(s):	CHROMIUM COMPLEX DIAZENYL DYESTUFF

IATA

Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN/ID number:	UN 3077
Primary risk:	9
Remarks:	Shipment permitted
Hazard inducer(s):	CHROMIUM COMPLEX DIAZENYL DYESTUFF

IMDG

Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN no.:	UN 3077
Primary risk:	9
Hazard inducer(s):	CHROMIUM COMPLEX DIAZENYL DYESTUFF
Marine pollutant:	Marine Pollutant
EmS:	F-A S-F

SECTION 15. REGULATORY INFORMATION

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

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European SVHC: The product does not contain (or concentration is below 0,1%) any substance/impurity, which, according to annex XIV and XV of the REACH Regulation 1907/2006/EC, is listed as an SVHC.

SECTION 16. OTHER INFORMATION

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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