

SAFETY DATA SHEET

Nuva N2155 liq

0100



Version 1.6 Revision Date: 05/08/2024 SDS Number: HOE465 Date of last issue: 01/10/2020
Date of first issue: 09/16/2013

SECTION 1. IDENTIFICATION

Identification of the company:	Archroma Singapore, Pte. Ltd. 1 International Business Park #06-01 The Synergy Singapore, 609917 Telephone No.: +65 6866 7412
Information of the substance/preparation:	Product Stewardship +1 704-353-4120
Emergency tel. number:	+1 202 464 2554 (NCEC)

Trade name: Nuva N2155 liq **0100**
Material number: 236080
Chemical family: Fluoropolymer
Primary product use: Auxiliary for the textile industry

Recommended use of the chemical and restrictions on use

Recommended restrictions on use: Unknown

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:
28.1 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Fluoropolymer

Hazardous components

Chemical name	CAS-No.	Concentration (%)
Alcohols, C12-20, ethoxylated, 8 EO	68526-94-3	1 - < 2

SECTION 4. FIRST AID MEASURES

General advice : Remove/Take off immediately all contaminated clothing.

If inhaled :

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Remove to fresh air.
Get medical advice/ attention.

In case of skin contact :

In case of contact, immediately flush skin with plenty of water.
Call a physician if irritation persists.

In case of eye contact :

Rinse immediately with plenty of water for at least 15 minutes.
Consult a physician.

If swallowed : Rinse mouth with water.
Call in a physician immediately and show him the Safety Data Sheet.

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

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet
Foam
Dry powder
Carbon dioxide (CO₂)

Specific hazards during fire-fighting : In case of fire hazardous decomposition products may be produced such as:
Carbon oxides
Nitrogen oxides (NO_x)
Hydrogen fluoride

Further information : Cool container and metallic parts with a water spray jet

Special protective equipment for firefighters : Self-contained breathing apparatus

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Wear personal protective equipment. Unprotected persons must be kept away.
Information regarding Safe handling, see chapter 7.
For personal protection see section 8.
Information regarding Waste Disposal, see chapter 13.

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.

Methods and materials for containment and cleaning up : Pump up larger quantities.
Soak up with inert absorbent material (e.g. sand, silica gel,

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acid binder, universal binder, sawdust).

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion : No special measures necessary.

Advice on safe handling :
Avoid formation of aerosol.
Handle substance within a closed system.
With Local Exhaust Ventilation

Conditions for safe storage : Keep only in the original container.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

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

Personal protective equipment

Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.
mask, comb.gas/particle filter

Hand protection

Remarks : Chemical resistant gloves Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Eye protection : Safety glasses

Skin and body protection : working clothes

Protective measures : Do not breathe vapours, aerosols.
Do not breathe mist.
Avoid contact with skin and eyes.

Hygiene measures : Remove/Take off immediately all contaminated clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid

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Colour	: white
Odour	: characteristic
pH	: 3 - 5, Concentration: 50 g/l (20 °C)Method: DIN EN 1262
Melting point	: ca. 0 °C
Boiling point	: approx. 100 °C of water
Flash point	: > 100 °C Method: ISO 2719 No flash point - Measure made up to the boiling point.
Evaporation rate	: not available
Upper explosion limit	: not available
Lower explosion limit	: not available
Vapour pressure	: 2.3 kPaof water
Relative density	: approx. 1.05 (20 °C)
Density	: ca. 1.05 g/cm ³ (20 °C) Method: DIN 51757
Solubility(ies)	
Water solubility	: miscible, in all proportions
Partition coefficient: n-octanol/water	: This property is not applicable for mixtures.
Auto-ignition temperature	: does not ignite
Decomposition temperature	: > 100 °C Stable up to boiling point.
Viscosity	
Viscosity, dynamic	: ca. 10 mPa.sMethod: ISO 6388
Viscosity, kinematic	: not available
Explosive properties	: Not explosive Method: Expert judgement
Oxidizing properties	: The substance or mixture is not classified as oxidizing. Method: Expert judgement
Surface tension	: not available
Molecular weight	: Not applicable

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	: See section 10.3. "Possibility of hazardous reactions"
Possibility of hazardous reactions	: When used and handled as intended, none.
Conditions to avoid	: None known.
Incompatible materials	: not known
Hazardous decomposition products	: Risk of formation of toxic pyrolysis products containing fluorine.

SECTION 11. TOXICOLOGICAL INFORMATION**Acute toxicity****Product:**

Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity	: Remarks: not available
Acute dermal toxicity	: Remarks: not available

Skin corrosion/irritation**Product:**

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

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

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitisation**Product:**

Remarks: not available

Germ cell mutagenicity**Product:**

Genotoxicity in vitro : Remarks: not available

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Carcinogenicity

Product:

Remarks: not available

Reproductive toxicity

Product:

Effects on fertility :
Remarks: not available

Effects on foetal development :
Remarks: not available

STOT - single exposure

Product:

Remarks: not available

STOT - repeated exposure

Product:

Remarks: not available

Repeated dose toxicity

Product:

Remarks: not available

Aspiration toxicity

Product:

No data available

Further information

Product:

Remarks: none

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish :
Remarks: not available

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Toxicity to daphnia and other aquatic invertebrates : Remarks: not available

Toxicity to algae : Remarks: not available

Toxicity to fish (Chronic toxicity) : Remarks: not available

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: not available

Toxicity to bacteria : Remarks: not available

Components:

68526-94-3:

M-Factor (Acute aquatic toxicity) : 1

Persistence and degradability

Product:

Biodegradability : Test Type: aerobic
Inoculum: activated sludge
DOC decrease
Result: Inherently biodegradable.
Exposure time: 28 d
Method: OECD Test Guideline 302B
GLP: no
Remarks: The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.
By analogy with a product of similar composition

Test Type: aerobic
Inoculum: activated sludge
CO₂ formation in % of theoretical value
Exposure time: 28 d
Method: OECD Test Guideline 302B
GLP: no
Remarks: By analogy with a product of similar composition

Biochemical Oxygen Demand (BOD) : 207 mg/g

Chemical Oxygen Demand (COD) : approx. 500 mg/g
Remarks: By analogy with a product of similar composition

Physico-chemical removability : Remarks: not available

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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.

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:**

Results of PBT and vPvB assessment : 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.

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 : Product does not contain any organic bound Halogens which could lead to AOX-values.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : In accordance with local authority regulations, take to special waste incineration plant

Contaminated packaging : Dispose of in accordance with local regulations.

Waste disposal information:

Consult local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

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TDG	not restricted
IATA	not restricted
IMDG	not restricted

SECTION 15. REGULATORY INFORMATION

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

DSL : The product is not listed on the DSL, however, there is an import limit that allows the Clariant legal entity in Canada to import/market the product in Canada.

Registration status

DSL: no
NDSL: no
Not all components are listed on the DSL/Canada so volumes restriction apply

CEPA

Listed as priority substance: no
Listed as toxic substance: no

NPRI no

TSCA Status:

All relevant components are listed in the TSCA Inventory as Active.

FDA:

Permitted for Use per Section: NONE
This product is not registered with the FDA.

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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