



Safety Data Sheet ACCEL AEROSOL

Supersedes Date FEB 2019

Issuing Date JUNE 2020

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ACCEL AEROSOL

Recommended use Mold Release Agent

Manufacturer, importer, supplier

NCH AUSTRALIA PTY LTD

N2, 391, PARK ROAD, REGENTS PARK, NSW 2143

Telephone inquiry

+61-2-96690260

Emergency Telephone Number

+61-2-96690237/0401718972

Fax number

+61-2-96931562

Product Code 5608

Chemical nature Mixture

Distributor

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2. HAZARD IDENTIFICATION

Color Clear

Physical state Liquid

Odor Solvent

GHS**Classification**Physical Hazards

Flammable Aerosols

Category 2

Category 1

Gases under pressure

Liquefied gas

Health Hazard

Aspiration Toxicity

Category 1

Skin Corrosion/Irritation

Category 2

Serious Eye Damage/Eye Irritation

Category 2A

Specific target organ systemic toxicity (single exposure)

Category 3

Other Hazards

None

LabelingSignal Word **Danger**HazardStatements

H222 - Extremely flammable aerosol
 H319 - Causes serious eye irritation
 H315 - Causes skin irritation
 H336 - May cause drowsiness or dizziness
 H304 - May be fatal if swallowed and enters airways
 H280 - Contains gas under pressure; may explode if heated

PrecautionaryStatements

P210 - Keep away from heat, sparks, open flames or hot surfaces.
 P211 - Do not spray on an open flame or other ignition source
 P251 - Pressurized container: Do not pierce or burn, even after use
 Avoid breathing vapor, mist or gas
 P271 - Use in a well-ventilated area.
 P264 - Wash face, hands and any exposed skin thoroughly after handling.
 P280 - Wear protective gloves, protective clothing and eye protection.
 P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
 P312 - Call a physician if unwell.
 P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
 P332 + P313 - If skin irritation occurs, get medical attention.
 P362 - Take off contaminated clothing and wash before reuse.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 - If eye irritation persists, get medical attention.
 P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
 Call a physician if unwell.
 P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
 P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
 P501 - Dispose of contents and container in accordance with applicable local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight-%
Petroleum gases, liquified, sweetened	68476-86-8	30-60
Acetone	67-64-1	30-60

Heptane (n-)	142-82-5	10-30
Polydimethylsiloxane	63148-62-9	0-10

4. FIRST AID MEASURES

General advice	Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention immediately.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person. Rinse mouth.
Notes to physician	Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

5. FIRE-FIGHTING MEASURES

Flash Point	< -15 °C	Method	Tag closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %:	Mixture.	Upper:	12.8 Lower: 1
Suitable Extinguishing Media	Foam. Carbon dioxide (CO2). Dry chemical. Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		
Specific hazards arising from the chemical	Extremely flammable. Flame extension: >30 inches / >76 cm and Burn back: >2 inch / >5 cm. Material can create slippery conditions.		
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, Safe Work, Australia (approved or equivalent) and full protective gear.		
Aerosol Level (NFPA 30B) -	3		

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Material can create slippery conditions.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition Avoid breathing vapors, mist or gas
Storage	Avoid contact with skin, eyes and clothing Keep away from heat and sources of ignition Store in original container Keep containers tightly closed in a dry, cool and well-ventilated place
Storage Temperature	Minimum 2°C Maximum 49°C
Storage Conditions	Indoor Yes Outdoor Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ES-TWA	ISHL	ACGIH TLV	Acetone	STEL: 1000 ppm STEL: 2375 mg/m ³ TWA: 500 ppm TWA: 1185 mg/m ³	ACL: 500 ppm	TWA: 250 ppm STEL: 500 ppm
Heptane (n-)	STEL: 500 ppm STEL: 2050 mg/m ³ TWA: 400 ppm TWA: 1640 mg/m ³	No data available	TWA: 400 ppm STEL: 500 ppm				

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

Eye/Face Protection

Safety glasses with side-shields.

Hand Protection

Protective gloves

Skin Protection

Wear suitable protective clothing, Impervious gloves.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear
Color	Clear
Physical state	Liquid
Odor	Solvent
Odor Threshold	No data available
pH	Not applicable
Melting Point/Range	No data available
Freezing Point	No information available
Boiling Point/Range	93°C
Flash Point	<-15 °C
Method	Tag closed cup
Evaporation Rate	6.51 (Butyl acetate=1)
Vapor Pressure	>36 mmHg @ 77°F
Solubility	Negligible
Vapor Density	>2 (Air = 1.0)
Specific Gravity	0.755
Autoignition Temperature	No information available.
Viscosity	Non-viscous
Molecular Weight	No data available
Percent Volatile (Volume)	97
VOC Content (%)	55
VOC Content (g/L)	415.3

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Heat, flames, and sparks.
Incompatible Products	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information
Principle Route of Exposure Skin contact, Eye contact, Inhalation.

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	No information available
Gas	Not applicable
Mist	Not applicable
Vapor	Not applicable
Primary Routes of Entry	Skin contact.

Main Symptoms
Acute Effects:

Eyes	Causes serious eye irritation.
Skin	Causes skin irritation.
Inhalation	Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. May cause cardiac arrhythmia.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage.

Chronic Effects:

Repeated and prolonged exposure to solvents may cause brain and nervous system damage, Prolonged or repeated inhalation may cause damage to the lungs, Prolonged skin contact may defat the skin and produce dermatitis.

Target Organ Effects:

Respiratory system, Central nervous system, Skin, Eyes, Heart.

Aggravated Medical Conditions

Respiratory disorders, Skin disorders, Neurological disorders, Heart disease.

Component Information
Acute Toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Acetone	No information available	Not applicable	= 50100 mg/m ³ (Rat) 8 h	No data available	No data available
Heptane (n-)	> 5000 mg/kg (Rat)	3000 mg/kg (Rabbit)	103 g/m ³ (Rat)4h	No data available	No data available

Chronic Toxicity:

Chemical Name	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Acetone	No data available	Not applicable	No data available	No data available.	Skin Central nervous system Eyes Respiratory system
Heptane (n-)	No data available	Not applicable	No data available	No data available.	Skin Central nervous system Respiratory system

Carcinogenicity

There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information

No data available

Component Information

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Petroleum gases, liquified, sweetened	Not applicable	Oral	No data available	Not applicable	2.8
Acetone	Not applicable	LC50 4.74 - 6.33 mL/L Oncorhynchus mykiss 96 h LC50 6210 - 8120 mg/L Pimephales promelas 96 h LC50 = 8300 mg/L Lepomis macrochirus 96 h	EC50 = 14500 mg/L 15 min	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50	-0.24

Heptane (n-)	Not applicable	LC50 = 375.0 mg/L Cichlid fish 96 h	No data available	Not applicable	4.66
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Ecotoxicity effects	No information available
Persistence and Degradability	No information available
Bioaccumulation	No information available
Mobility	No information available

13. DISPOSAL CONSIDERATIONS

Product Disposal	Dispose of in accordance with local regulations.
Container Disposal	Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

ADG 7

UN Number	UN1950
UN proper shipping name	Aerosols
Hazard Class	2.1
Hazard Code	2YE
Description	UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD QTY

15. REGULATORY INFORMATION

Australia POISON SCHEDULE	Not Scheduled
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16. OTHER INFORMATION

Prepared By	Arvind Rane
Super cedes Date	FEB 2019
Issuing Date	JUNE 2020
Reason for Revision	GHS-SDS FORMAT, COMPANY ADDRESS CHANGE
List of References.	No information available.

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