

Safety Data Sheet: AR-19 AEROSOL SAMPLE, NAC MM

Supersedes Date Not applicable

Issuing Date 11/29/2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name AR-19 AEROSOL SAMPLE, NAC MM

Recommended use Water-borne coatings

Information on Manufacturer

CERTIFIED LABS, DIV. OF NCH CORP.

BOX 152170

IRVING, TEXAS 75015

Product Code 5435

Chemical nature Alcoholic solution

Emergency Telephone Number

CHEMTREC® 800-424-9300

Telephone inquiry

972-579-2477

2. HAZARD IDENTIFICATION

Color Light Straw

Physical state Liquid

Odor Alcohol

GHS

Classification

Physical Hazards

Flammable Aerosols

Gases under pressure

Category 2

Liquefied gas

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other hazards

None

Labeling

Signal Word

WARNING



Hazard statements

H223 - Flammable aerosol

H280 - Contains gas under pressure; may explode if heated

H320 - Causes eye irritation

Precautionary Statements

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

P264 - Wash face, hands and any exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

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.

P403 - Store in a well-ventilated place.

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

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	5-10
Isopropyl alcohol	67-63-0	5-10

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

General advice

Avoid breathing vapors, mist, or gas. Avoid contact with skin, eyes and clothing.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact	Wash off with soap and plenty of water. Call a physician if irritation develops or persists.
Inhalation	Move to fresh air. Get medical attention if symptoms occur.
Ingestion	Do NOT induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	Not applicable	Method	No data available	
Flammability Limits in Air %:		Upper:	12.7	Lower: 1.9
Suitable Extinguishing Media	Water spray. Carbon dioxide (CO ₂). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Foam.			
Specific hazards arising from the chemical	Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Material can create slippery conditions. Flammable. Flame extension: 0 inches / 0 cm and Burnback: 0 inch / 0 cm.			
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, NOHSC (approved or equivalent) and full protective gear.			
Aerosol Level (NFPA 30B) -	1			
NFPA	Health 1	Flammability 4	Instability 1	
HMIS -	Health 1	Flammability 4	Instability 1	

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 contact with skin, eyes and clothing. Avoid breathing vapors or mists.			
Storage	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	35 °F / 2 °C	Maximum	122 °F / 50 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Isopropyl alcohol	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m ³	2000 ppm STEL 500 ppm STEL 1225 mg/m ³ TWA: 400 ppm TWA: 980 mg/m ³

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	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.
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.
General Hygiene Considerations	Remove and wash contaminated clothing before re-use. Wear protective gloves/clothing. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid	Viscosity	Non viscous
Color	Light Straw	Odor	Alcohol

Odor Threshold	Not applicable	Appearance	Opaque
pH	9.5	Specific Gravity	0.980
Evaporation Rate	<0.8 (Butyl acetate=1)	Percent Volatile (Volume)	100
VOC Content (%)	7	VOC Content (g/L)	74.8
Vapor Pressure	17.5 mmHg @ 77°F	Vapor Density	>1 (Air = 1.0)
Solubility	Completely soluble	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	< 212 °F / 100 °C	Flammability (solid, gas)	No data available
Flash Point	Not applicable	Method	No data available
Autoignition Temperature	No information available.		
Flammability Limits in Air %:		Upper: 12.7 Lower: 1.9	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition.
Incompatible Products	Strong bases.
Decomposition Temperature	No data available
Hazardous Decomposition Products	No information available.
Possibility of Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information No information available.

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	
Gas	No information available
Mist	No information available
Vapor	No information available

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

Primary Routes of Entry Skin contact.

Acute Effects:

Eyes	Causes eye irritation.
Skin	May cause skin irritation.
Inhalation	May cause irritation of respiratory tract.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic Toxicity	None known.
Target Organ Effects	Respiratory system, Skin, Eyes.
Aggravated Medical Conditions	Skin disorders, Respiratory disorders, Eyes.

Component Information

Acute Toxicity

Component	Oral LD50	Dermal LD50	Inhalation LC50	Draize Test	Other
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h	No data available	No data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Isopropyl alcohol 67-63-0	No data available	No data available	No data available	No data available	Skin; Eyes; Respiratory system

Carcinogenicity There are no known carcinogenic chemicals in this product.

12. ECOLOGICAL INFORMATION

Product Information No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Crustacea	Partition coefficient
Petroleum gases, liquified, sweetened	No information available.	No information available.	No information available	No information available.	2.8
Isopropyl alcohol	EC50 > 1000 mg/L Desmodesmus subspicatus 96 h EC50 > 1000 mg/L Desmodesmus	LC50 = 9640 mg/L Pimephales promelas 96 h LC50 = 11130 mg/L Pimephales promelas 96 h LC50 > 1400000 µg/L Lepomis	EC50 = 35390 mg/L 5 min	13299: 48 h Daphnia magna mg/L EC50	0.05

	subspicatus 72 h	macrochirus 96 h		
--	------------------	------------------	--	--

Persistence and Degradability	No information available.
Bioaccumulation	No information available.
Mobility	This product is mobile in soil.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

DOT	DOT
Proper Shipping Name	Consumer commodity
Hazard Class	ORM-D
Description	Consumer commodity ,ORM-D
TDG	
Proper shipping name	Aerosols
Hazard Class	2.1
UN-No	UN1950
Description	UN1950, AEROSOLS, 2.1, LTD QTY
ICAO	
UN-No	UN1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Shipping Description	UN1950, Aerosols, 2.1 LTD QTY
IATA	
UN-No	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1
ERG-Code	10L
Shipping Description	UN1950,Aerosols, flammable,2.1 LTD QTY
IMDG/IMO	
Proper Shipping Name	Aerosols
Hazard Class	2
UN-No	UN1950
EmS No.	F-D, S-U
Description	UN1950, Aerosols, 2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories	
TSCA	Complies
DSL	Complies
U.S. Federal Regulations	

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No	Yes	Yes	Yes

CERCLA

16. OTHER INFORMATION

Prepared By	Samantha Purvis
Supersedes Date	Not applicable
Issuing Date	11/29/2017
Reason for Revision	No information available.
Glossary	No information available.

List of References.

No information available.

CERTIFIED LABS, DIV. OF NCH CORP. assumes no responsibility for personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such unrecommended use, storage or disposal of the product. The information provided on this document 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.