

**AMINOCYCLOPYRACHLOR 31257 TC U-WW**Version 1.0 / USA
102000031257

1/9

Revision Date: 11/17/2015

Print Date: 04/21/2021

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product identifier**

Trade name	AMINOCYCLOPYRACHLOR 31257 TC U-WW
Product code (UVP)	84402249
SDS Number	102000031257
Relevant identified uses of the substance or mixture and uses advised against	
Use	Herbicide
Restrictions on use	For manufacturing use only
Information on supplier	
Supplier	Bayer Environmental Science A division of Bayer CropScience LP 5000 Centregreen Way, Suite 400 Cary, NC 27513 USA
Responsible Department	Email: SDSINFO.BCS-NA@bayer.com
Emergency telephone no.	
Emergency Telephone Number (24hr/ 7 days)	1-800-334-7577
Product Information Telephone Number	1-800-331-2867

SECTION 2: HAZARDS IDENTIFICATION**Classification in accordance with regulation HCS 29CFR §1910.1200**

This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

Other hazards

No particular hazards known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component Name	CAS-No.	Concentration % by weight
Aminocyclopyrachlor	858956-08-8	89.3

**AMINOCYCLOPYRACHLOR 31257 TC U-WW**Version 1.0 / USA
102000031257

2/9

Revision Date: 11/17/2015

Print Date: 04/21/2021

SECTION 4: FIRST AID MEASURES**Description of first aid measures**

General advice	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
Inhalation	Move to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a physician or poison control center immediately.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off immediately with plenty of water for at least 15 minutes. Call a physician or poison control center immediately.
Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a physician or poison control center immediately.
Ingestion	Call a physician or poison control center immediately. Rinse out mouth and give water in small sips to drink. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Do not leave victim unattended.

Most important symptoms and effects, both acute and delayed

Symptoms	To date no symptoms are known.
-----------------	--------------------------------

Indication of any immediate medical attention and special treatment needed

Treatment	Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended. There is no specific antidote.
------------------	---

SECTION 5: FIREFIGHTING MEASURES**Extinguishing media**

Suitable	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
-----------------	--

Unsuitable	High volume water jet
-------------------	-----------------------

Special hazards arising from the substance or mixture	Dangerous gases are evolved in the event of a fire.
--	---

Advice for firefighters

Special protective equipment for fire-fighters	Firefighters should wear NIOSH approved self-contained breathing apparatus and full protective clothing.
---	--

Further information	Fight fire from upwind position. Keep out of smoke. Whenever possible, contain fire-fighting water by diking area with sand or earth. Do not allow run-off from fire fighting to enter drains or water courses. Avoid contact
----------------------------	---

**AMINOCYCLOPYRACHLOR 31257 TC U-WW**Version 1.0 / USA
102000031257

3/9

Revision Date: 11/17/2015

Print Date: 04/21/2021

	with spilled product or contaminated surfaces.
Flash point	not applicable
Autoignition temperature	no data available
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Precautions Evacuate and isolate spill area. Ensure adequate ventilation. Keep unauthorized people away. Use personal protective equipment.

Methods and materials for containment and cleaning up

Methods for cleaning up Sweep up or vacuum up spillage and collect in suitable container for disposal. Clean contaminated floors and objects thoroughly, observing environmental regulations. Decontaminate tools and equipment following cleanup.

Additional advice Do not allow to enter soil, waterways or waste water canal.

Reference to other sections Information regarding safe handling, see section 7.
Information regarding personal protective equipment, see section 8.
Information regarding waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Use only in area provided with appropriate exhaust ventilation. Avoid dust formation. Avoid contact with skin, eyes and clothing.

Hygiene measures Remove soiled clothing immediately and clean thoroughly before using again. Contaminated work clothing should not be allowed out of the workplace. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers Store in original container. Store in a cool, dry place and in such a manner as to prevent cross contamination with other crop protection products, fertilizers, food, and feed.

**AMINOCYCLOPYRACHLOR 31257 TC U-WW**Version 1.0 / USA
102000031257

4/9

Revision Date: 11/17/2015

Print Date: 04/21/2021

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

No control parameters known.

Exposure controls**Respiratory protection**

When respirators are required, select NIOSH approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industry recommendations.

Hand protection

Chemical resistant nitrile rubber gloves

Eye protectionSafety glasses with side-shields
or
Goggles**Skin and body protection**

Wear long-sleeved shirt and long pants and shoes plus socks.

General protective measuresFollow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and warm/tepid water.
Keep and wash PPE separately from other laundry.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	white
Physical State	solid
Odor	mild fruity
Odour Threshold	no data available
pH	3.3 at 1.0 % (20 °C)
Vapor Pressure	2.111 hPa / 1.6 mm Hg at 40 °C
Vapor Density (Air = 1)	no data available
Specific Gravity	1.3476
Bulk density	0.6687 kg/m ³
Evaporation rate	not applicable
Boiling Point	The substance decomposes before reaching the boiling point.
Melting / Freezing Point	138.9 °C / 282.02 °F
Water solubility	2.81 g/l at 20 °C
Minimum Ignition Energy	100 - 300 mJ
Decomposition temperature	no data available

**AMINOCYCLOPYRACHLOR 31257 TC U-WW**Version 1.0 / USA
102000031257

5/9

Revision Date: 11/17/2015

Print Date: 04/21/2021

Partition coefficient: n-octanol/water	log Pow: -2.48 at 20 °C at pH 7.0
Viscosity	not applicable
Flash point	not applicable
Autoignition temperature	no data available
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Explosivity	Not explosive 92/69/EEC, A.14 / OECD 113

SECTION 10: STABILITY AND REACTIVITY**Reactivity**

Thermal decomposition	no data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	no data available
Incompatible materials	no data available
Hazardous decomposition products	No decomposition products expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes	Inhalation, Eye contact, Ingestion
Immediate Effects	
Eye	Slight irritation
Skin	May cause irritation.

Information on toxicological effects

Acute oral toxicity	LD50 (female rat) > 5,000 mg/kg
Acute inhalation toxicity	LC50 (rat) > 5.4 mg/l Exposure time: 4 h
Acute dermal toxicity	LD50 (rat) > 5,000 mg/kg



AMINOCYCLOPYRACHLOR 31257 TC U-WW

Version 1.0 / USA
102000031257

6/9

Revision Date: 11/17/2015
Print Date: 04/21/2021

Skin irritation	No skin irritation (rabbit)
Eye irritation	Slight irritation (rabbit)
Sensitisation	Non-sensitizing. (mouse)

ACGIH

None.

NTP

None.

IARC

None.

OSHA

None.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)) > 122 mg/l Exposure time: 96 h LC50 (Lepomis macrochirus (Bluegill sunfish)) > 120 mg/l Exposure time: 96 h
Toxicity to aquatic invertebrates	EC50 (Daphnia magna (Water flea)) 43 mg/l Exposure time: 96 h
Toxicity to aquatic plants	EC50 (Raphidocelis subcapitata (freshwater green alga)) > 122 mg/l Exposure time: 72 h EC50 (Anabaena flos-aquae (cyanobacterium)) 7.4 mg/l Exposure time: 72 h
Environmental precautions	Do not allow to get into surface water, drains and ground water. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Dispose in accordance with all local, state/provincial and federal regulations. Follow container label instructions for disposal of wastes generated during use in compliance with the product label. Do not contaminate water, food, or feed by disposal.
----------------	--



AMINOCYCLOPYRACHLOR 31257 TC U-WW

Version 1.0 / USA
102000031257

7/9

Revision Date: 11/17/2015
Print Date: 04/21/2021

Contaminated packaging	Do not re-use empty containers. Triple rinse containers. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State/Provincial and local authorities, by burning. If burned, stay out of smoke.
RCRA Information	Characterization and proper disposal of this material as a special or hazardous waste is dependent upon Federal, State and local laws and are the user's responsibility. RCRA classification may apply.

SECTION 14: TRANSPORT INFORMATION

According to national and international transport regulations this material is not classified as dangerous goods / hazardous material.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA list

None.

US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

None.

SARA Title III - Section 302 - Notification and Information

None.

SARA Title III - Section 313 - Toxic Chemical Release Reporting

None.

US States Regulatory Reporting

CA Prop65

This product does not contain any substances known to the State of California to cause cancer.

This product does not contain any substances known to the State of California to cause reproductive harm.

US State Right-To-Know Ingredients

None.

Canadian Regulations

Canadian Domestic Substance List

None.

Environmental

CERCLA

None.

Clean Water Section 307 Priority Pollutants

None.

Safe Drinking Water Act Maximum Contaminant Levels

**AMINOCYCLOPYRACHLOR 31257 TC U-WW**Version 1.0 / USA
102000031257

8/9

Revision Date: 11/17/2015

Print Date: 04/21/2021

None.

EPA/FIFRA Information:

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information required on the pesticide label:

Signal word: Caution!

Hazard statements: Causes eye irritation.
Avoid contact with skin, eyes and clothing.
Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, using the toilet or applying cosmetics.

SECTION 16: OTHER INFORMATION**Abbreviations and acronyms**

49CFR	Code of Federal Regulations, Title 49
ACGIH	US. ACGIH Threshold Limit Values
ATE	Acute toxicity estimate
CAS-Nr.	Chemical Abstracts Service number
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
EINECS	European inventory of existing commercial substances
ELINCS	European list of notified chemical substances
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
N.O.S.	Not otherwise specified
NTP	US. National Toxicology Program (NTP) Report on Carcinogens
OECD	Organization for Economic Co-operation and Development
TDG	Transportation of Dangerous Goods
TWA	Time weighted average
UN	United Nations
WHO	World health organisation

NFPA 704 (National Fire Protection Association):

Health - 2 Flammability - 1 Instability - 0 Others - none

HMIS (Hazardous Materials Identification System, based on the Third Edition Ratings Guide)

Health - 1 Flammability - 1 Physical Hazard - 0 PPE -

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard

Reason for Revision: New Safety Data Sheet.

Bayer Environmental Science

SAFETY DATA SHEET



AMINOCYCLOPYRACHLOR 31257 TC U-WW

Version 1.0 / USA
102000031257

9/9

Revision Date: 11/17/2015
Print Date: 04/21/2021

Revision Date: 11/17/2015

This information is provided in good faith but without express or implied warranty. The customer assumes all responsibility for safety and use not in accordance with label instructions. The product names are registered trademarks of Bayer.