



## Safety Data Sheet

SDS No. 20280  
Issue Date: April 5, 2022

Revision No. 01  
Revision Date: October 27, 2025

### AISIN Extended Life Prediluted Antifreeze/Coolant 50/50 PINK

#### SECTION 1: IDENTIFICATION

##### 1.1 Product identifier

Product: AISIN Extended Life Prediluted Antifreeze/Coolant 50/50 PINK  
Synonyms: None  
Product Part Number: ACT-002

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Antifreeze/Coolant

##### 1.3 Safety data sheet supplier

Manufacturer: Name: AISIN Aftermarket & Service of America  
Address: 19801 Vermont Ave, Torrance, CA 90502 U.S.A.  
Telephone: 1-800-822-2726

##### 1.4 Emergency telephone number

CHEMTREC: +1-800-424-9300 - DOMESTIC  
+1-202-4X83-7616 - INTERNATIONAL

#### SECTION 2: HAZARD IDENTIFICATION

##### 2.1 Classification of the substance or mixture

###### Health Hazard Classification:

Hazard	Category	Code
Acute Toxicity - Oral	5	H303
Skin Corrosion/Irritation	3	H316
Sensitization - Skin	1	H317
Specific Target Organ Toxicity (Repeated Exposure)	2	H373

###### Physical Hazard Classification:

Not Classified

##### 2.2 Label elements

###### Hazard Pictograms



GHS07



GHS08

Signal word Warning

###### Hazard statements

H303 May be harmful if swallowed  
H316 Causes mild skin irritation  
H317 May cause an allergic skin reaction  
H373 May cause damage to organs <kidneys> through prolonged or repeated exposure.



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#### Precautionary statements

##### Prevention

- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/ eye protection.
- P260 Do not breathe mist/ vapors/ spray.

##### Response

- P312 Call a POISON CENTER/doctor if you feel unwell.
- P302 + P352 IF ON SKIN: Wash with plenty of water.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P321 Specific treatment (see supplemental first aid instructions on this label).
- P362 + P364 Take off contaminated clothing and wash before reuse.
- P314 Get medical advice/attention if you feel unwell.

##### Storage

None

##### Disposal

- P501 Dispose of contents/container in accordance with local/ regional/ national/ international regulations.

#### 2.3 Other hazards

Data not available

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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#### 3.2 Mixtures

<u>Components</u>	<u>CAS No.</u>	<u>Nominal %</u>	<u>Hazard Code</u>
Ethylene Glycol	107-21-1	45 - 50 %	H303, H373
Diethylene Glycol	111-46-6	Less than 3%	H303
Hydrated inorganic acid, organic acid salts	Proprietary	Less than 5%	H316, H317
Water	7732-18-5	45 - 50 %	None

Proprietary items on this SDS are designated as trade secrets. Requests for disclosure of trade secret information will be made in accordance with the provisions contained in OSHA 29 CFR 1910.1200(i).

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### SECTION 4: FIRST AID MEASURES

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#### 4.1 Description of first aid measures

Swallowing: If victim is conscious and able to swallow, quickly have victim drink water or milk to dilute. Do NOT give sodium bicarbonate, fruit juices or vinegar. NEVER give anything by mouth if victim is unconscious or having convulsions. Induce vomiting only if advised by physician or Poison Control Center. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

Skin Contact: Immediately flush skin with plenty of water while removing contaminated clothing.

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes. Do NOT permit victim to rub eyes. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation: Immediately remove victim to fresh air. If victim has stopped breathing give artificial respiration. GET MEDICAL ATTENTION IMMEDIATELY.



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#### **4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

Individuals should perform only those firefighting procedures for which they have been trained. Use water spray, dry chemical, foam or carbon dioxide. Use water to keep fire-exposed containers cool. If a spill or leak has not ignited, use water spray to disperse the vapors. Water spray may be used to flush spills away from fire and diluted spills to noncombustible proportions (see warning on water spray on hot glycol below.)

#### **5.2 Special hazards arising from the substance or mixture**

Data not available

#### **5.3 Advice for firefighters**

To prevent possible storage container rupture, do not permit to freeze. Incompatible with strong acids, oxidizers, bases and chromium trioxide, potassium permanganate, and sodium peroxide.

Water spray may cause foaming of hot glycol so indirect application of water spray or use of other extinguishing media should be used on hot glycol.

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

#### **6.2 Environmental precautions**

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

#### **6.3 Method and material for containment and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### **6.4 Reference to other sections**

For disposal see section 13.

### **SECTION 7: HANDLING AND STORAGE**

#### **7.1 Precautions and safe handling**

- Do not expose children and pets to this material.
- After handling product, wash thoroughly with soap and water before drinking, eating, or smoking.
- Keep away from open flames.

#### **7.2 Conditions for safe storage, including any incompatibilities**

- To prevent possible storage container rupture, do not permit to freeze. Incompatible with strong acids, oxidizers, bases and chromium trioxide, potassium permanganate, and sodium peroxide.



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#### **7.3 Specific end uses**

The identified uses for this product are detailed in section 1.2.

### **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

#### **8.1 Control parameters**

Component	CAS No.	Source	Exposure Limit	Notes
Ethylene glycol	107-21-1	US OSHA	None	None
		US ACGIH	100 mg/m <sup>3</sup> TLV	Ceiling Limit for Aerosols Only. A4 - Not classifiable as a human carcinogen.
Diethylene Glycol	111-46-6	US OSHA	None	None
		US ACGIH	None	None
		US AIHA (WEEL)	10 mg/m <sup>3</sup>	TWA

#### **8.2 Exposure controls**

- Control Measures:** Handle in the presence of adequate ventilation. Engineering controls should be used whenever feasible to maintain concentrations below acceptable exposure criteria, including enclosures and local exhaust ventilation.
- Respiratory Protection:** Where exposure is likely to exceed acceptable criteria and engineering controls are not feasible, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air and in accordance with OSHA (29 CFR 1910.134)
- Protective Clothing:** Wear gloves and protective clothing which are impervious to the product for the duration of exposure if there is potential for skin contact.
- Eye Protection:** Wear safety glasses meeting the specifications of ANSI Standard Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specification of ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes.



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#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

##### 9.1 Information of basic physical and chemical properties

Item	Value/Range
Appearance	Clear, slightly viscous, pink dyed liquid
Odor	No characteristic odor
Odor threshold	Data not available
pH	7.5~9.0
Freezing point	Lower than -36°C (-34°F)
Initial boiling point and boiling range	Higher than 108°C (226°F)
Flash point	None
Evaporation rate	Data not available
Flammability(Solid, gas)	Data not available
Upper/Lower flammability or explosive limits	Data not available
Vapor pressure	Estimated 0.05 mmHg at 20°C
Vapor Density (Air = 1)	Data not available
Density (20°C)	1.06~1.10 g/cm <sup>3</sup>
Solubility in Water	Infinite miscibility
Partition coefficient n-octanol/water	Data not available
Auto ignition temperature	Data not available
Decomposition temperature	Data not available
Viscosity	Data not available

##### 9.2 Other information

None

#### SECTION 10: STABILITY AND REACTIVITY

##### 10.1 Reactivity

Hazardous Polymerization: Not likely to occur

Conditions and materials to avoid: Avoid concentrated strong acids, oxidizing agents and bases. Do not expose to open flame.

##### 10.2 Chemical stability

Generally stable

##### 10.3 Possibility of hazardous reactions

Data not available

##### 10.4 Conditions to avoid

Avoid heat, flames and other sources of ignition.

##### 10.5 Incompatible materials

Data not available

##### 10.6 Hazardous decomposition products

If pyrolyzed, thermal decomposition products of residue may include carbon (C), carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), water (H<sub>2</sub>O), ammonia (NH<sub>3</sub>), organic vapors and nitrogen-containing compounds.



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#### SECTION 11: TOXICOLOGICAL INFORMATION

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##### 11.1 Information on toxicological effects

- Inhalation:** Breathing excessive levels of the vapor or mist can irritate the respiratory tract. Excessive vapor concentrations of the major component (ethylene glycol), might be generated during heating of this material, have occasionally been reported to cause adverse effects on the blood-forming system and the nervous system.
- Ingestion:** The acute oral toxicities of the main components of this mixture are as follows:
- Ethylene Glycol:**  
The lowest dose reported to produce death in humans was estimated to be 1,560 mg/kg body weight; for a person weighing 150 pounds, this would be equivalent to drinking about three fluid ounces of pure ethylene glycol in a short period of time.  
Acute oral LD50 = 4,700 mg/kg (rat)  
5,500 mg/kg (mouse)  
1,600 mg/kg (human)
- Diethylene Glycol:**  
Acute oral LD50 = 12,600 mg/kg (rat)  
23,700 mg/kg (mouse)
- Eye Contact:** Based on the pH and irritation potential of this mixture's constituents, the mist or liquid can be expected to cause mild to moderate irritation or inflammation of the eyes.
- Skin Contact:** The acute dermal LD50 of the major component (ethylene glycol) of this product is 10,600 mg/kg (rabbits). Based on the pH and the irritation potential of this mixture's constituents, the mist or liquid can be expected to cause mild to moderate irritation of the skin.
- Chronic Effects:** No chronic or delayed effects have been identified.
- IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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#### SECTION 12: ECOLOGICAL INFORMATION

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##### 12.1 Toxicity

Ecological information of the product: Data not available

Ecological information of the main ingredient of the product:

**Ethylene Glycol:**

LC50 - Oncorhynchus mykiss (rainbow trout) - 18,500 mg/l - 96 h

**Diethylene Glycol:**

LC50 - Pimephales promelas (fathead minnow) - 75,200 mg/l - 96 h

##### 12.2 Persistence and degradability

Degradation half life: Readily biodegradable



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#### **12.3 Bioaccumulative potential**

Bioconcentration potential is low.  
Comments to bioaccumulation Log Pow: -0.30

#### **12.4 Mobility in soil**

The product is miscible with water. May spread in water systems.

#### **12.5 Results of PBT and vPvB assessment**

This substance is not classified as PBT or vPvB.

#### **12.6 Other adverse effects**

None known.

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### **SECTION 13: DISPOSAL CONSIDERATIONS**

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**Waste Disposal:** Disposal should be made in accordance with applicable federal, state and local regulations. All recovered material should be packaged, labeled, transported, and disposed of or reclaimed in conformance with good engineering practices. Avoid land filling of liquids. Reclaim where

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### **SECTION 14: TRANSPORT INFORMATION**

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#### **14.1 UN Number**

UN3082

#### **14.2 UN Proper Shipping Name**

Environmentally Hazardous Substance Liquid n.o.s. (ethylene glycol), 9, UN3082, III

#### **14.3 Transport Hazard Classes**

DOT Classification (Bulk):	Class 9 Miscellaneous
DOT Classification (Non-bulk):	Not regulated
IATA (Non-bulk):	Not regulated
IMDG Code (Non-bulk):	Not regulated

#### **14.4 Packaging Group**

III

#### **14.5 Environmental Hazards**

Marine pollutant: No  
Poison Inhalation Hazard: No

#### **14.6 Special Precautions for User**

Data not available

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Data not available



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#### SECTION 15: REGULATORY INFORMATION

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##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

###### **Toxic Substance Control Act:**

This product is a mixture; therefore, it is not listed in the TSCA Inventory of Chemical Substances. All of the components of the mixture are listed in or exempt from the TSCA Inventory of Chemical Substances.

###### **SARA Hazard Categories (as defined in Section 311/312):**

Health: Immediate (Acute) and Delayed (Chronic)

Physical: None

The product contains greater than 45% ethylene glycol (CAS# 107-21-1) which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

###### **California Proposition 65**



WARNING: This product can expose you to chemicals such as Ethylene Glycol which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov/product](http://www.P65Warnings.ca.gov/product).

###### **Bittering Agent**

This product contains bittering agent.

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#### SECTION 16: OTHER INFORMATION

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NFPA Rating: Health (2) Fire (0) Reactivity (0)

HS Code: 3820.00

Preparation information: Date of revision: October 27, 2025

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