

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

1. Identification of the substance/mixture and of the company/undertaking

Product name: ECHO GREASE X695-000070/X695-000080
Identification of the Yamabiko Corporation
Supplier:
Address: 7-2 Suehirocho 1-chome Ohme Tokyo 198-8760 Japan
Charge Section: Business Administration Department
(81-428-32-6100)

2. Hazards identification

Hazard category	Category
Acute toxicity (oral)	No Classification
Acute toxicity (dermal)	No Classification
Skin sensitizer	Category 1
Specific target organ systemic toxicity Following single exposure	No Classification
Specific target organ systemic toxicity Following repeated exposure	No Classification
Acute hazards to the aquatic environment	Category 3
Chronic hazards to the aquatic environment	Category 3

LABEL ELEMENTS

Precautionary pictogram:



Signal word:

Warning

Hazard Statement:

May cause an allergic skin reaction
Harmful to aquatic life
Harmful to aquatic life with long lasting effects

Precautionary Statement:

Prevention

Do not handle until all safety precautions have been read and understood.
Wear protective gloves/protective clothing/eye Protection / face protection.
Do not allow the eyes to become exposed to the product. Do not swallow the product.
Contaminated work clothing should not be allowed out of the work place.

Response

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
IF SWALLOWED: Immediately call a POISON CENTER or Doctor/physician.
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.
IF ON SKIN: Wash with plenty of soap and water.
Take off contaminated clothing and wash before reuse.
If skin irritation or rash occurs: Get medical advice/attention.

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

Storage The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight. Containers that have been opened must be tightly sealed.

Disposal Dispose of contents/container in accordance with local / regional / national /international regulations. If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.

3. Composition / information on ingredients

Substance/Mixture Mixture
Ingredients and concentration

Ingredient name	Concentration wt.%
Base oil(s)	70 - 80
Thickener	10 - 20
Additives	<30

4. First-aid measures

Inhalation: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Cover the body with blankets to keep warm and quiet. If you feel unwell, seek medical advice.

Skin contact: Immediately flush skin with large amount of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eye contact: Rinse with clean water carefully for several minutes. Remove contact lenses if present and if removal is easy, then continue rinsing. Rinse for 15 minutes at a minimum and seek medical attention.

Ingestion: Do not induce vomiting. Drink [one glass] [two glasses] of water. Call a physical (or poison control center) immediately.

5. Fire-fighting measures

Suitable Extinguishing Media: Mist of loaded liquid, dry chemicals, carbon dioxide, fire foam, and dry sand are effective.

Extinguishing Media to Avoid: Use of straight stream of water can create a risk of spreading fire.

Specific hazards arising from the chemical: In some cases of fire, may release irritant gases.

Fire Fighting: When burnt, may generate carbon monoxide and other toxic gases. Spray water to the surrounding facilities for cooling.

Special protective equipment and precautions for fire fighters. Keep unauthorized person off the site of occurrence of fire and the surroundings. Even after extinction, cool containers thoroughly with plenty of water.

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

Wear fire/flare resistant/retardant clothing.
Fight fire from windward direction while wearing protective equipment. If contact with skin is expected, wear impervious protective equipment and gloves.
Use air-breathing apparatus and protective clothing whenever necessary.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Wear protective equipment when working. Remove nearby potential ignition sources immediately. When mist is generated, use respiratory equipment to prevent inhalation of mist. Do not touch or walk through spillage.
Environmental precaution	Pay attention to the site of spillage, which is slippery. Prevent spreading of oil spill with earth and sand, sandbags, or other proper materials and use care not to allow the oil spill to flow to street drains, sewer systems, and rivers. At sea, install oil spill containment booms to prevent spreading of spills and absorb with absorption mat or other proper materials.
Methods and materials for containment and cleaning up:	In case of spillage in small quantity, collect spillage by absorbing with earth, sand, sawdust, waste, or other proper materials. In case of spillage in large quantity, enclose with embankment to prevent spreading of spillage and collect spillage in empty containers to the extent possible.
Prevention of second accident:	In case of spillage, immediately inform the organizations concerned of the spillage to prevent possible accidents and spreading of spillage. Remove nearby potential ignition sources immediately and make fire-extinguishing agents available. Remove spillage completely and ventilate and clean the site and the surroundings.

7. Handling and storage

Handling

Technical measures:

Keep away from any possible contact with sparks, open flames, and high-temperature materials, and do not allow release of vapor without justification.
Use pumps or other proper equipment for taking out from containers. Do not siphon with your mouth using a tube. Do not drink.
When mist is generated, use respiratory equipment to prevent inhalation of mist.
In case of vapor/mist dispersion, install a closed system, local ventilation system, and/or other proper equipment for the sources of vapor/mist generation.
Avoid rough handling of containers such as falling, dropping, exposing to shock, and dragging.

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

Ventilation requirements: Maintain adequate ventilation when handling indoors.
Wash hands and face thoroughly after handling.

Precautions: Be careful with fire.

Precaution for safe handling: Avoid falling, dropping, exposing to shock, or dragging of containers.
Wear protective gloves when opening containers to eliminate a risk of hand injury.

Storage conditions: Store in a well ventilated, cool, dry, dark place, protecting from direct sunlight and keeping away from any potential ignition sources and high-temperature materials.
Store tightly stopped after use to prevent possible contamination with dust and moisture.

Safety adequate container materials: Preferably store locked up in a proper storage area.
Use spill-proof containers that are free of damage/corrosion.

8. Exposure controls / Personal protection

Appropriate engineering controls: In case of mist generation, enclose the source of mist generation, or install a ventilation system.
Install eye cleaning and body cleaning equipment near the handling site.

Control parameters

Ingredient Nama	Japan Society for occupational Occupational Exposure Limits	ACGIH	
		TLV-STEL	TLV-TWA
Base oil(s)	Non established ppm. 3mg/m ³ (Mineral oil Mist)	None established ppm. None established mg/m ³	None established ppm. 5mg/m ³ (Mineral Oil Mist)
Thickener	None established ppm. None established mg/m ³	None established ppm. None established mg/m ³	None established ppm. None established mg/m ³

Personal protective equipment: Not needed under normal conditions, but wear a gas mask (against organic gases) whenever required.

Respiratory protection: In case of prolonged or repeated exposure, wear oil-resistant hand protection.

Hand protection: In case of exposure to splashes, wear ordinary type goggles.

Eye/face protection: In case of handling over a prolonged period of time or in case of exposure to oil, wear oil-resistant, long-sleeved work clothing.

Skin protection: In case of handling over a prolonged period of time or in case of exposure to oil, wear oil-resistant, long-sleeved work clothing.

Hygiene Measures: Take off contaminated and wash thoroughly before reuse.
Wash hands thoroughly after handling.

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

9. Physical and chemical properties

Product

Form:	Semi solid
Color:	Light yellow
Odor:	Slight odor
Melting point/Freezing Point	Dropping Point 250(°C)
Initial boiling point And boiling range	Initial boiling point – End point No data
Flash point:	≥ 200(°C) Seta Closed Cup
Auto-ignition Temperature:	Estimate 200 - 410(°C)
Upper/Lower flammability Or explosive limits:	Exposition Limit (1 – 7%)
Solubility:	Water: Insoluble
Partition coefficient: n-octanol/water:	No data
Decomposition Temperature:	No data

10. Stability and reactivity

Chemical stability:	Stable when stored preserved in a dark place at room temperature.
Possibility of hazardous reactions:	Keep away from any possible contact with strong oxidizing agents.
Conditions to avoid:	Contact with incompatible hazard substances.
Incompatible materials:	Prolonged heating, open flames, and ignition sources.
Hazardous decomposition products:	Use care to keep away from any possible contact with halogens, strong acids, alkalis, and acidifying substances. When burnt, may release carbon monoxide and other gases.

11. Toxicological information

Product

Acute toxicity (Oral):	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Acute toxicity (dermal)	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Acute toxicity (inhalation)	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Skin corrosion/irritation	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Serious eye damage/irritation	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Respiratory sensitization	For mixtures, hazard category was identified based on the classification criteria for mixtures.

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

Skin sensitization	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Mutagenicity	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Carcinogenicity	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Reproductive toxicity	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Target organ effect/Single Exposure:	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Target organ effect/Multi Exposure:	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Respiratory toxic:	For mixtures, hazard category was identified based on the classification criteria for mixtures.

Ingredient

Base Oil(s)

Acute toxicity (oral)	LD50: \geq 5000mg/kg[rat]
Acute toxicity (dermal)	LD50: \geq 5000mg/kg[rat]
Serious eye damage/irritation	Practically None
Skin sensitization:	None Buehler method [guinea pig]
Mutagenicity:	Ames Test: Negative
Carcinogenicity:	EU: Category 2: R45 need not apply. (NOTE L is applicable. IARC: 3

12. Ecological information

Product

Eco toxicity

Fish acute toxicity:	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Algae acute toxicity	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Fish chronic toxicity	For mixtures, hazard category was identified based on the classification criteria for mixtures.
Algae chronic toxicity	For mixtures, hazard category was identified based on the classification criteria for mixtures.

Ingredient

Base oil(s)

Eco toxicity

Fish acute toxicity	96hLC50: > 5000mg/L [oncoorhynchus mykiss]
Daphnia acute toxicity	48hEC50: > 1000mg/L [Daphnia magna]

13. Disposal considerations

Disposal	Dispose of contents/container in accordance with local / regional / national / International regulations.
Methods:	

Every customer/user of he product should dispose of industrial waste on its own responsibility, otherwise it must rely on a company authorized by

Product name: ECHO GREASE X695-000070/X695-000080
Gear Lubricant for Trimmer/Brushcutter/Hedge Trimmer

prefectural governor for treating industrial waste or a local public body involved in the disposal of industrial waste for proper disposal.
Before disposal of used container, remove contents completely.

14. Transport information

IATA	UN Classification:	Not applicable
IMDG	UN Classification]	Not applicable
Specific security precaution and Condition of transportation:		Transport containers without causing any significant friction or shaking.

15. Regulatory information

Korea (KECL):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
Australia (AICS):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
Canada (DSL):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
China (IECSC):	All components are listed or exempted.
EU(REACH):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
New Zealand(NZIoC):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
USA (TSCA):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
Philippines (PICCS):	In the case where one of more components are not listed or, even if listed, in the case of importing to the country or area concerned, and application or notification is required.
Taiwan:	All components are listed or exempted.

16. Other information

Disclaimer

We at Yamabiko Corporation have prepared the copyrighted Safety Data Sheet to provide reference information on the hazardous chemical product of interest for our customers/users to ensure secure and safe handling

We would like every customer/user of the product to refer to the information and understand the necessity of taking appropriate measures for the actual handling conditions on their own responsibilities for optimum practical application of the product of the interest.

Consequently, the Safety Data Sheet is not intended to guarantee the safety of the product referenced to herein.