

S A F E T Y D A T A S H E E T

SDS NO. 1241

1 . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : H1 BELL HAMMER SPRAY**Supplier** : SUZUKI – KIKOH CO.,LTD.**Address** : 316-3 matuhidai,matudosu、chiba、 270-2214Japan**Telephone number** : 047-385-5311**Emergency telephone number** : 047-385-5313**Date of preparation** : 2015/12/11

2 . HAZARDS IDENTIFICATION

Physical hazards	Explosives	Not applicable
	Flammable gases	Not applicable
	Flammable aerosols	Category 1
	Flammable, oxidizing gases	Not applicable
Health hazards	Acute toxicity (oral)	Not classified
	Acute toxicity (dermal)	Not classified
	Acute toxicity (inhalation: gases)	Not classified
	Acute toxicity (inhalation: vapour)	Not classified
	Acute toxicity (inhalation: dust and mist)	Not classified
	Skin corrosion/irritation	Not classified
	Serious eye damage/eye irritation	Not classified
	Respiratory sensitizer	Not classified
	Skin sensitizer	Not classified
	Germ cell mutagenicity	Not classified
	Carcinogenicity	Not classified
	Reproductive toxicity	Not classified
	Specific target organ toxicity following single exposure	Not classified
	Specific target organ toxicity following repeated exposure	Not classified
Aspiration hazard	Not classified	
Environmental hazards	Acute hazards to the aquatic environment	Not classified
	Chronic hazards to the aquatic environment	Not classified
	Hazard to the ozone layer	Not classified

GHS Label elements:	
Signal word	Danger
Symbol	
Hazard statement	H222: Extremely flammable aerosol. Risk of drowsiness or dizziness

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	% by Wt.
Base oil	Commercial secret	40~45
Additives	Commercial secret	0.5~ 3
2,6-di one data - tert-butyl-4-cresol Ichiru	128-37-0	0.5 or less
propane	74-98-6	10~20
butane	75-28-5, 106-97-8	40~50

4. FIRST AID MEASURES

Eye : Flush eyes fresh with water for at least 15 minutes, then seek medical attention.

Skin : Wash contact areas thoroughly with soap and water.

Inhalation : Remove to fresh air. Cover the victim's body with blanket, rest in keeping warm, and seek medical attention immediately.

Ingestion : If swallowed, do not induce vomiting. Seek medical attention immediately.
If contaminated in mouth, flush thoroughly with water.

5. FIRE-FIGHTING MEASURES

Extinguishing media : Water fog, foam, dry chemical and carbon dioxide. Do not try to put out the fire with water pillars.

Specific hazards : There is a risk of explosion and the scene of a fire there is an aerosol container.

Fire fighting instructions : For fires involving this materials, do not enter any enclosed

or confined fire space without proper protective equipment, including self-contained breathing apparatus.

6 . ACCIDENTAL RELEASE MEASURES

Stop the source of the leak or release. Clean up releases as soon as possible, observing precautions in Exposure Controls/Personal Protection.

Contain oil to prevent further contamination of soil, surface water or groundwater. Clean up small spills using appropriate techniques such as solvent materials.

7 . HANDLING AND STORAGE

Is a flammable product that uses a high-pressure gas,
we can protect the note below for dangerous

Handled physician: attention to fire and high temperature.

Do not use near fire or flame.

Do not use in large quantities in the room you are using the fire.

Do not put into the fire.

Handling is to be done in a well-ventilated place.

Well the ventilation to prevent vapor stays.

To work in an enclosed place, with adequate local exhaust ventilation, the appropriate protective equipmentTo work wearing.

Coercive tube: because there is a danger and of rupture to a high temperature, and place in direct sunlight, such as near a fire, etc.

Do not place where the temperature is 40 °C
or more.It is kept out of the reach of children.

8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits : In the case of use in indoor workplaces to install a local exhaust system. Close to the safety shower of handling location, hand washing, an eyewash equipment provided to clearly display its position.

Personal protective equipment :

Respiratory protection: gas mask for organic gas, if necessary

Eye protection equipment: goggle-type protective glasses, disaster prevention

Hand protection: those such as impervious solvent for gloves

Skin and body protection: protection if necessary apron, to use a protective boots. Work

clothes short sleeve
avoid.

Hygiene measures: Take off the wet clothes, and re-used after thoroughly washed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical description : Liquid, white in color, with petroleum-like smell.

Evaporating volatility : Nil

Density(15°C) : 0.9g/cm³

Solubility : Insoluble in water

Flash point : >200°C (COC method)

[Propellant]	Propane	butane
Appearance	: Colorless gas	colorless gas
specific gravity	: 0.501g / cm ³	0.557 ~ 0.579g / cm ³ (20 °C)
Steam specific gravity	: 1.60	2.00 to 2.10 (air = 1)
Vapor pressure	: 0.744MPa (20 °C)	0.107 ~ 0.202LPa (20 °C)
Boiling point	: -42.0 °C	-0.5 ~ -12 ° C
Melting point	: -187.69 °C	-138.3 ~ -159.4 °C
Flash point	: -104 °C	-60 ~ -81 °C
Catch fire point	: 450 °C	365 ~ 460 °C
Explosion limit	: 2.1 ~ 9.5vol%	1.8 ~ 8.4vol%
Dissolution of	: Insoluble in water	Insoluble in water

10. STABILITY AND REACTIVITY

[Liquid content]

Ignition point : No data available

Explosive limits : No data available

Combustibility : Combustible

Oxidizing properties : Not oxidizer

Explosion properties : Not explosive

Dust explosion properties : Not explosive

Stability : Stable.

Conditions to avoid : Keep away from heat sources which may induce thermal decomposition.

Materials to avoid : Keep away from strong oxidizing agent, such as chlorates, nitrates, peroxides, etc.

[Propellant]

Stability and reactivity: Stable in normal handling.

1 1 . TOXICOLOGICAL INFORMATION

Corrosiveness : Not corrosive

Eye, skin irritation : May cause irritation under prolonged exposures.

Sensitization : No data available

Acute toxicity : ORAL LD₅₀ : 5g/kg [Rat], (Estimated values)

Subacute toxicity : No data available

Carcinogenicity : **Base oil** : This base oil is not reported to be carcinogenic by NTP and IARC

Additives : No data available

Mutagenicity : No data available

Teratogenicity : No data available

Jetting agent

Acute toxicity: inhalation mouse LC₅₀ 680mg / l (about 26%) 2 hours

Rat LC₅₀ 658 mg / l (about 26%) 4 hours

Irritation: Although it is less likely to affect the skin, there is a risk of frostbite when touched to the skin in the liquid state.

Irritation of the gaseous state is very small.

If it touches the skin irritant, causing touch for a long time inflammation, eczema.

Sensitization to the eyes, the skin of a gaseous state is very small.

If the eyes to stimulate the mucous membranes and the like.

Other toxicity: There is some of the narcotic. Ecological Impact: None.

(Note) LD₅₀: median lethal dose (mg / kg) LC₅₀: median lethal concentration (ppm)

1 2 . ECOLOGICAL INFORMATION

[Liquid content]

Persistence/degradability : No data available

Bioaccumulation : No data available

Ecotoxicity : No data available

[Propellant]

Currently no knowledge.

1 3 . DISPOSAL INFORMATION

Always use up the contents, and discarded to ensure that there is no content.

And disposal is carried out according to the instructions of each municipality.

1 4 . TRANSPORT INFORMATION

UN Classification :(class 2.1) high-pressure gas

UN number: 1950

Caution (s): follow the general attention of the attention of the section on the handling and storage. Make sure that there is no leakage from the container, a fall in transportation during the collapse of cargo, loss of container due to falling. Sufficient take measures to avoid potential scratch.

Land on the transportation: Fire Defense Law, Occupational Safety and Health Act, in accordance with the provisions for the transport of other laws and regulations.

Sea on transportation: according to the provisions in the Ship Safety Act.

Aerial transport: according to the provisions in the Aviation Law.

1 5 . REGULATORY INFORMATION

High Pressure Gas Safety Act: exemption (liquefied gas flammable gas)

Fire fighting methods: dangerous substance fourth class fourth petroleum danger grade III

Occupational Safety and Health Act: Enforcement Ordinance Appendix 1-4, hazardous materials, flammable things

Enforcement Ordinance Appendix 1-5, hazardous materials, flammable gas: propane, butane

Notification target substance

(2,6-di - data - Shari - butyl-4-cresol - le, butane)

Display object substance (not applicable)

P R T R Method : Not applicable

Ship safety law : hazardous materials (high pressure gas)

Aviation Law : high-pressure gas

1 6 . OTHER INFORMATION

NFPA704(Health, Fire, Reactivity, Specific hazard): 0,1,0,NONE

HMIS(Health, Fire, Reactivity, Specific hazard): 0,1,0,NONE

This material safety data sheet is compiled as a reference for the safe handling of harmful chemical products.

Handlers and users are expected to assume their own responsibilities by handling different situations according to actual circumstances and with reference to this material safety data sheet.

This material safety data sheet may not be interpreted as a guarantee for safe