

Safety Data Sheet

Printing date 05/18/2017

Revised On 05/18/2017

1 Identification of the substance and manufacturer

Trade name: 17-YB8 YAMAHA BLUE
Manufacturer/Supplier: PJH BRANDS
 16573 N. 92nd Street, Suite C140
 Scottsdale, AZ 85260
 phone: 480-991-8002
 www.pj1.com

Emergency telephone number: CHEMTREC (703)-527-3887 : PJH BRANDS , Contract CEN17400



2 Hazard(s) identification

Classification of the substance or mixture

Flam. Aerosol 1 H222 Extremely flammable aerosol.
 Press. Gas H280 Contains gas under pressure; may explode if heated.
 Eye Irrit. 2A H319 Causes serious eye irritation.
 STOT SE 3 H336 May cause drowsiness or dizziness.
 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

GHS Hazard pictograms



GHS02 GHS04 GHS07 GHS08

Signal word

Hazard statements

Danger

Extremely flammable aerosol.
 Contains gas under pressure; may explode if heated.
 Causes serious eye irritation.
 May cause drowsiness or dizziness.
 May cause damage to organs through prolonged or repeated exposure.
 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
 Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Wash hands thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 Call a POISON CENTER/doctor if you feel unwell.
 If eye irritation persists: Get medical advice/attention.
 Store locked up.
 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 Protect from sunlight. Store in a well-ventilated place.
 Store in a well-ventilated place. Keep container tightly closed.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Precautionary statements

3 Composition/information on ingredients

Chemical characterization: Mixtures

Chemical Description:

This product is a mixture of the substances listed below with nonhazardous additions.

Dangerous components:

67-64-1	Acetone	28.88%
74-98-6	propane	14.49%
110-19-0	Isobutyl Acetate	8.55%
106-97-8	n-butane	8.51%
111-76-2	Glycol Ether EB	6.16%
64742-89-8	VM&P Naphtha	4.82%
108-65-6	PM acetate	3.97%
64-17-5	ethyl alcohol	3.24%
123-86-4	butyl acetate	2.4%
112926-00-8	Silicon Dioxide	1.08%

4 First-aid measures

After inhalation:

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Remove contaminated clothing. Wash exposed area with soap and water.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Rinse mouth with water. Do not induce vomiting.

Most important symptoms and effects:

Dizziness

Indication of any immediate medical attention needed:

No further relevant information available.

5 Fire-fighting measures

Extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray.

Special hazards:

Can form explosive gas-air mixtures.

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Protective equipment for firefighters:

A respiratory protective device may be necessary.

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6 Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

Use respiratory protective device against the effects of fumes/dust/aerosol.

Methods and material for containment and cleaning up:

Absorb liquid components with liquid-binding material.

7 Handling and storage**Precautions for safe handling**

Use only in well ventilated areas.

Storage requirements:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8 Exposure controls/personal protection**Components with limit values that require monitoring at the workplace:****67-64-1 Acetone**PEL (USA) Long-term value: 2400 mg/m³, 1000 ppmREL (USA) Long-term value: 590 mg/m³, 250 ppmTLV (USA) Short-term value: 1187 mg/m³, 500 ppmLong-term value: 594 mg/m³, 250 ppm

BEI

74-98-6 propanePEL (USA) Long-term value: 1800 mg/m³, 1000 ppmREL (USA) Long-term value: 1800 mg/m³, 1000 ppm

TLV (USA) refer to Appendix F in TLVs&BEIs book; NIC-EX

110-19-0 Isobutyl AcetatePEL (USA) Long-term value: 700 mg/m³, 150 ppmREL (USA) Long-term value: 700 mg/m³, 150 ppmTLV (USA) Short-term value: 172 mg/m³, 150 ppmLong-term value: 238 mg/m³, 50 ppm**106-97-8 n-butane**REL (USA) Long-term value: 1900 mg/m³, 800 ppmTLV (USA) Short-term value: (2370) mg/m³, (1000) ppm

NIC-EX

111-76-2 Glycol Ether EBPEL (USA) Long-term value: 240 mg/m³, 50 ppm

Skin

REL (USA) Long-term value: 24 mg/m³, 5 ppm

Skin

TLV (USA) Long-term value: 97 mg/m³, 20 ppm

BEI

108-65-6 PM acetate

WEEL (USA) Long-term value: 50 ppm

64-17-5 ethyl alcoholPEL (USA) Long-term value: 1900 mg/m³, 1000 ppmREL (USA) Long-term value: 1900 mg/m³, 1000 ppmTLV (USA) Short-term value: 1880 mg/m³, 1000 ppm**123-86-4 butyl acetate**PEL (USA) Long-term value: 710 mg/m³, 150 ppmREL (USA) Short-term value: 950 mg/m³, 200 ppmLong-term value: 710 mg/m³, 150 ppmTLV (USA) Short-term value: 712 mg/m³, 150 ppmLong-term value: 238 mg/m³, 50 ppm**112926-00-8 Silicon Dioxide**PEL (USA) 20mppcf or 80mg/m³ /%SiO₂REL (USA) Long-term value: 6 mg/m³

See Pocket Guide App. C

TLV (USA) TLV withdrawn

Ingredients with biological limit values:**67-64-1 Acetone**

BEI (USA) 50 mg/L

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

111-76-2 Glycol Ether EB

BEI (USA) 200 mg/g creatinine

Medium: urine

Time: end of shift

Parameter: Butoxyacetic acid with hydrolysis

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Hygienic protection:	Immediately remove all soiled and contaminated clothing. Wash hands after use. Avoid contact with the eyes and skin.
Breathing equipment:	Do not eat or drink while working. A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.
Hand protection:	Nitrile gloves. Protective gloves. The glove material must be impermeable and resistant to the substance.
Eye protection:	Tightly sealed goggles

9 Physical and chemical properties

Appearance:	Aerosol.
Odor:	Aromatic
Odor threshold:	Not determined.
pH-value:	Not determined.
Melting point/Melting range	Undetermined.
Boiling point:	-44.5 °C (-48 °F)
Flash point:	-19 °C (-2 °F)
Flammability (solid, gas):	Extremely flammable.
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	In use, may form flammable/explosive vapour-air mixture.
Lower Explosion Limit:	1.7 Vol %
Upper Explosion Limit:	10.9 Vol %
Vapor pressure:	Not determined.
Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Vapor density	Not determined.
Evaporation rate	Not applicable.
Partition coefficient: n-octanol/water:	Not determined.
Solubility:	Not determined.
Viscosity:	Not determined.
VOC content:	575.9 g/l / 4.81 lb/gal
Solids content:	18.6 %

10 Stability and reactivity

Reactivity:	Stable at normal temperatures.
Conditions to avoid:	Do not allow can to exceed 120 degrees Fahrenheit. Do not warehouse in subfreezing temperatures.
Chemical stability:	Not fully evaluated.
Possibility of hazardous reactions:	No dangerous reactions known.
Incompatible materials:	No further relevant information available.
Hazardous decomposition:	No dangerous decomposition products known.

11 Toxicological information**LD/LC50 values that are relevant for classification:****110-19-0 Isobutyl Acetate**

Oral LD50 4763 mg/kg (rbt)

106-97-8 n-butane

Inhalative LC50/4 h 658 mg/l (rat)

111-76-2 Glycol Ether EB

Oral LD50 1480 mg/kg (rat)

Dermal LD50 400 mg/kg (rab)

108-65-6 PM acetate

Oral LD50 8500 mg/kg (rat)

Inhalative LC50/4 h 35.7 mg/l (rat)

64-17-5 ethyl alcohol

Oral LD50 7060 mg/kg (rat)

Inhalative LC50/4 h 20000 mg/l (rat)

123-86-4 butyl acetate

Oral LD50 14000 mg/kg (rat)

Inhalative LC50/4 h >21.0 mg/l (rat)

Information on toxicological effects: No data available.**Skin effects:** No irritant effect.**Eye effects:** Irritating effect.**Sensitization:** No sensitizing effects known.**12 Ecological information****Aquatic toxicity:** Hazardous for water, do not empty into drains.

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Persistence and degradability:
Bioaccumulative potential:
Mobility in soil:
Other adverse effects:

The product is degradable after prolonged exposure to natural weathering processes.
 No further relevant information available.
 No further relevant information available.
 No further relevant information available.

(Contd. of page 3)

13 Disposal considerations

Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14 Transport information

UN-Number
DOT
DOT

UN1950
 N/A
 Consumer Commodity ORM-D
 Aerosols, flammable
 1950 Aerosols

ADR
Transport hazard class(es):
Class
Special precautions for user:
EMS Number:
Stowage Code

2.1
 Warning: Gases
 F-D,S-U
 SW1 Protected from sources of heat.
 SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
 SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

Segregation Code

Quantity limitations

On passenger aircraft/rail: 75 kg
 On cargo aircraft only: 150 kg

ADR
Excepted quantities (EQ)

Code: E0
 Not permitted as Excepted Quantity

IMDG

Limited quantities (LQ)
Excepted quantities (EQ)

1L
 Code: E0
 Not permitted as Excepted Quantity

Packaging Group:
UN "Model Regulation":

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 UN 1950 AEROSOLS, 2.1

15 Regulatory information**SARA Section 355 (extremely hazardous substances):**

None of the ingredients in this product are listed.

SARA Section 313 (Specific toxic chemical listings):

111-76-2 Glycol Ether EB

Toxic Substances Control Act (TSCA):

All ingredients for this product are found on the inventory list of substances.

Consumer Product Safety Commission (CPSC):

This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

California Proposition 65 chemicals known to cause cancer:

108-10-1 methyl isobutyl ketone

California Proposition 65 chemicals known to cause birth defects or reproductive harm:

67-56-1 Methanol

108-10-1 methyl isobutyl ketone

CANADIAN ENVIRONMENTAL PROTECTION ACT:
WHMIS Symbols for Canada:

All hazardous ingredients for this product appear on the Canadian Domestic Substance List.
 A - Compressed gas
 D2B - Toxic material causing other toxic effects



EPA:

67-64-1 Acetone
 110-19-0 Isobutyl Acetate
 111-76-2 Glycol Ether EB

I
 D
 NL

16 Other information

Contact: Regulatory Affairs
Date of preparation / last revision 05/18/2017 / -