

Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 1 of 10

BVA LARV 2

EPA # 70589-1

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

1.1. Product identifier

Product Identity

BVA LARV 2

Alternate Names

BVA 2 Larvicide, L2

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

Intended use

Mosquito Larvicide Oil

Application Method

See EPA Label

1.3. Details of the supplier of the safety data sheet

Company Name

BVA
29222 Trident Industrial Blvd
Wixom, MI. 48165

Emergency

CHEMTREC (USA)

(800) 424-9300

24 hour Emergency Telephone No.

(800) 424-9300 (CHEMTREC)
+1 202-366-4488 (outside the USA).

Customer Service:

+1 248-348-4920

2. Hazard identification of the product

2.1. Classification of the substance or mixture

Asp. Tox. 1;H304

May be fatal if swallowed and enters airways.

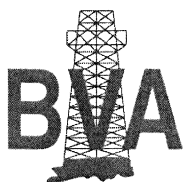
2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Danger

H304 May be fatal if swallowed and enters airways.



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 2 of 10

BVA LARV 2
EPA # 70589-1

[Prevention]:

No GHS prevention statements

[Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P331 Do NOT induce vomiting.

[Storage]:

P405 Store locked up.

[Disposal]:

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

3. Composition/information on ingredients

There are no ingredients in this product which are classified as hazardous.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|---|----------|--------------------|-------|
| The base oil may be a mixture of the Following: 1) Hydrotreated Distillate, Heavy Paraffin CAS Number 64742-54-7 2) Hydrotreated Distillate, Light Paraffin CAS Number: 64742-55-8 3) White Mineral Oil: CAS Number: 8042-47-5 4) Hydrotreated Neutral Oil CAS Number: 72623-87-1 | 97% | Not Classified | [1] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

*The full texts of the phrases are shown in Section 16.

4. First aid measures

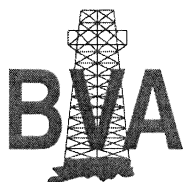
4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 3 of 10

BVA LARV 2
EPA # 70589-1

| | |
|------------------|--|
| Eyes | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention. |
| Skin | Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. |
| Ingestion | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-----------------|---|
| Overview | No specific symptom data available. See section 2 for further details. |
|-----------------|---|

5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

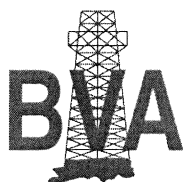
Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 4 of 10

BVA LARV 2
EPA # 70589-1

closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents.

Do not allow spills to enter drains or watercourses.

If drains, sewers, streams or lakes are contaminated, inform the local water company immediately. In the case of contamination of rivers, streams or lakes the Environmental Protection Agency should also be informed.

7. Handling and storage

7.1. Precautions for safe handling

See section 2 for further details. - [Prevention]:

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Incompatible materials: No data available.

See section 2 for further details. - [Storage]:

7.3. Specific end use(s)

No data available.

8. Exposure controls and personal protection

There are no ingredients in this product which are classified as hazardous. Please refer to BVA LARV 2 label for EPA guidelines regarding Personal Protective Equipment and what to wear during application.

8.2. Exposure controls

Respiratory

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes

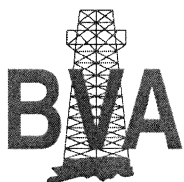
Protective safety glasses recommended.

Skin

Wear overalls to keep skin contact to a minimum.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 5 of 10

BVA LARV 2
EPA # 70589-1

respiratory protection must be worn.

Other Work Practices

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

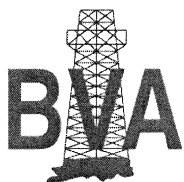
See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

| | |
|---|--|
| Appearance | Colorless Liquid |
| Odor | Slight petroleum odor |
| Odor threshold | Not Measured |
| pH | Not Measured |
| Melting point / freezing point | Not Measured |
| Initial boiling point and boiling range | >251 °C (484°F) |
| Flash Point | >145°C (292°F) |
| Evaporation rate (Ether = 1) | Not Measured |
| Flammability (solid, gas) | Not Applicable |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured |
| Vapor pressure (Pa) | < 0.13 kPa (1 mmHg) at 20°C |
| Vapor Density | Not Measured |
| Specific Gravity | Not Measured |
| Solubility in Water | Not Soluble |
| Partition coefficient n-octanol/water (Log Kow) | Not Measured |
| Auto-ignition temperature | Not Measured |
| Decomposition temperature | Not Measured |
| Viscosity (cSt) @ 40 °C | 9 |
| Density @20°C (g/cm ³) | 0.84 - 0.87 |
| Pour Point | <-12°C (10°F) |

9.2. Other information

No other relevant information.



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 6 of 10

BVA LARV 2
EPA # 70589-1

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No hazardous decomposition data available.

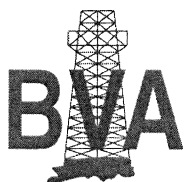
11. Toxicological information

Acute toxicity

There are no ingredients in this product which are classified as hazardous.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification | Category | Hazard Description |
|-------------------------------|----------|--------------------|
| Acute toxicity (oral) | --- | Not Applicable |
| Acute toxicity (dermal) | --- | Not Applicable |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Serious eye damage/irritation | --- | Not Applicable |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | --- | Not Applicable |
| Germ cell mutagenicity | --- | Not Applicable |



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 7 of 10

BVA LARV 2
EPA # 70589-1

| | | |
|------------------------|-----|----------------|
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

There are no ingredients in this product which are classified as hazardous.

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

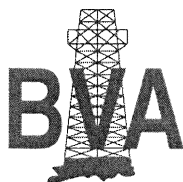
12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 8 of 10

BVA LARV 2
EPA # 70589-1

14. Transport information

| | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA |
|------------------------------------|---------------------------------------|---|---------------------------|
| 14.1. UN number | Not Applicable | Not Regulated | Not Regulated |
| 14.2. UN proper shipping name | Not Regulated | Not Regulated | Not Regulated |
| 14.3. Transport hazard class(es) | DOT Hazard Class: Not Applicable | IMDG: Not Applicable Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group | Not Applicable | Not Applicable | Not Applicable |
| 14.5. Environmental hazards | | | |
| IMDG | Marine Pollutant: No | | |
| 14.6. Special precautions for user | No further information | | |

15. Regulatory information

| | |
|----------------------|---|
| Regulatory Overview | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All components of this material are either listed or exempt from listing on the TSCA Inventory. |
| WHMIS Classification | Not Regulated |

US EPA Tier II Hazards

Fire: No

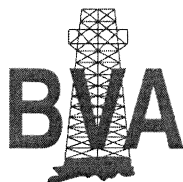
Sudden Release of No Pressure:

Reactive: No

Immediate (Acute): No

Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:
(No Product Ingredients Listed)



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 9 of 10

BVA LARV 2
EPA # 70589-1

EPCRA 302 Extremely Hazardous :
(No Product Ingredients Listed)

EPCRA 313 Toxic Chemicals:
(No Product Ingredients Listed)

Proposition 65 - Carcinogens (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Developmental Toxins (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Female Repro Toxins (>0.0%):
(No Product Ingredients Listed)

Proposition 65 - Male Repro Toxins (>0.0%):
(No Product Ingredients Listed)

N.J. RTK Substances (>1%) :

| <u>Chemical name</u> | <u>CAS#</u> | <u>New Jersey TS Number</u> |
|---|-------------|-----------------------------|
| White Mineral Oil | 8042-47-5 | |
| Hydrotreated Distillate, Heavy Paraffin | 64742-54-7 | |
| Hydrotreated Distillate, Light Paraffin | 64742-55-8 | |
| Hydrotreated Neutral Oil | 72623-87-1 | |

Penn RTK Substances (>1%) : (No Product Ingredients Listed)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

Not Applicable

Version 2 – Updated

Section 1

Application Method See EPA Label

Section 8

There are no ingredients in this product which are classified as hazardous. Please refer to BVA LARV 2 label for EPA guidelines regarding Personal Protective Equipment and what to wear during application.



Safety Data Sheet

SDS Revision Date: 22-AUG-2018

Page 10 of 10

BVA LARV 2
EPA # 70589-1

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