

HB0980_A0

Material Safety Data Sheet BAR-RUST 235 LIGHT COLOR PART B

Sales
Order: {SalesOrd}

Bulk Sales Reference No.:
MSDS Revision Date:
MSDS Revision Number:

HB0980
12/01/2011
A0-2



1. Identification of the preparation and company

Product Identity: BAR-RUST 235 LIGHT COLOR PART B
Bulk Sales Reference No.: HB0980
Company Name: International Paint LLC
6001 Antoine Drive
Houston Texas 77091

Emergency
CHEMTREC (USA): (800) 424-9300
International Paint: (713) 682-1711
Poison Control Center: (800) 854-6813
Customer Service
International Paint: (800) 589-1267
Fax No.: (800) 631-7481

2. Hazard identification of the product



Danger

GHS Classification:

| Item | Category | Hazard |
|---|----------------|--|
| Flammability | 3 | Flammable liquid and vapor |
| Acute Toxicity (mouth) | Not classified | Not applicable |
| Acute Toxicity (skin) | Not classified | Not applicable |
| Acute Toxicity (inhalation) | Not classified | Not applicable |
| Acute Toxicity (ingestion) | Not classified | Not applicable |
| Skin corrosion/irritation | 2 | Causes skin irritation |
| Eye damage/irritation | 2A | Causes serious eye irritation |
| Sensitization (respiratory) | 1 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| Sensitization (skin) | 1 | May cause allergic reaction. |
| Germ toxicity | Not classified | Not applicable |
| Specific target organ systemic toxicity (single exposure) | 1 | blood (circulatory system), kidneys, respiratory system |
| | 2 | Not applicable |
| | 3 | narcotic effects, respiratory tract irritation |
| Specific target organ systemic Toxicity (repeated exposure) | 1 | auditory apparatus, central nerve system |
| | 2 | eyes, kidneys, liver |
| Aspiration hazard | 1 | Known to cause human aspiration toxicity hazards. |
| Harmfulness to aquatic Environment (acute) | 3 | Harmful to aquatic life. |
| | 4 | |

HB0980_A0

| | | |
|---|----------------|--|
| Harmfulness to aquatic Environment (long term effect) | | May cause harm to aquatic life with long lasting effects |
| Carcinogenicity | Not classified | Not applicable |
| Reproductive Toxicity | Not classified | Not applicable |
| Organic Peroxide | Not classified | Not applicable |

Safety Phrases:

S1: Keep locked up.

S23: Do not breathe vapor/spray.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S27: Take off immediately all contaminated clothing.

S28: After contact with skin, wash immediately with plenty of soap and water.

S37: Wear suitable gloves.

S38: In case of insufficient ventilation, wear suitable respiratory equipment.

S39: Wear eye/face protection.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S46: If swallowed, seek medical advice immediately and show this container or label.

S51: Use only in well-ventilated areas.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

| | | | | |
|-----------------|--|-----------------|---------------|--------|
| Overview | NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Avoid contact with eyes, skin and clothing. May cause allergic respiratory reaction. | | | |
| Inhalation | Harmful if inhaled. May cause lung injury. Causes nose and throat irritation. Vapors may affect the brain or nervous system causing dizziness, headache or nausea. | | | |
| Eyes | Risk of serious damage to eyes. Do not get in eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific condition of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. | | | |
| Skin | Causes skin irritation. May cause delayed skin irritation. May be harmful if absorbed through the skin. | | | |
| Ingestion | Harmful if swallowed. May cause abdominal pain, nausea, vomiting, diarrhea, or drowsiness. | | | |
| Chronic effects | | | | |
| HMIS Rating | Health: 3 | Flammability: 2 | Reactivity: 0 | PPE: X |

3. Composition/information on ingredients

| Ingredient | CAS No. | Percent |
|-----------------------------------|--------------|----------|
| Butanol | 0000071-36-3 | 1.0 – 10 |
| 1,2,4-Trimethyl benzene | 0000095-63-6 | 1.0 – 10 |
| Ethylene diamine | 0000107-15-3 | 1.0 – 10 |
| 1,3,5-Trimethylbenzene | 0000108-67-8 | 1.0 – 10 |
| Petroleum naphtha, light aromatic | 0064742-95-6 | 10 – 25 |
| Alkylated polyamine adduct | 0068413-28-5 | 50 – 75 |

4. First aid measures

| | |
|------------|--|
| General | Remove contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean or destroy contaminated shoes. |
| Inhalation | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. |

HB0980_A0

| | |
|-----------|---|
| Eyes | In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. |
| Skin | In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately. |
| Ingestion | If swallowed, immediately contact Poison Control Center at 1-800-854-6813. DO NOT induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

| |
|----------------------------------|
| 5. Fire-fighting measures |
|----------------------------------|

| | |
|-----------------------------|---|
| Flash Point | F: 100 C: 38 |
| Lower Explosive Limit (LEL) | 1 (%vol in air) at Normal Atmospheric Temp and Pressure |
| ERG Guide No. | 128 |

| |
|---------------------------------------|
| 6. Accidental release measures |
|---------------------------------------|

| | |
|---------------------------|---|
| Spill Response Procedures | ELIMINATE ALL IGNITION SOURCES (no smoking, flares, sparks or flames in immediate area). Use only non-sparking equipment to handle spilled material and absorbent. Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand, or other non-combustible material and transfer to containers. Use non-sparking tools to collect absorbed material. |
| Public Safety | CALL CHEMTREC at (800)-424-9300 for emergency response. Isolate spill or leak area immediately for at least 50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. LARGE SPILLS: Consider initial downwind evacuation for at least 300 meters (1000 feet). |
| ERG Guide No. | 128 |

| |
|--------------------------------|
| 7. Handling and storage |
|--------------------------------|

| | |
|----------------------------------|--|
| Storage Temperature | Store between 40-100F (4-38C). |
| Handling and Storage Precautions | Keep away from heat, sparks and flame. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Vapors may cause flash fire or ignite explosively. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Do not get in eyes, on skin or clothing. Close container after each use. Wash thoroughly after handling. |

| |
|---|
| 8. Exposure controls and personal protection |
|---|

| | | Exposure | |
|--------------|-------------------------|-----------|---|
| CAS No. | Ingredient | Source | Value |
| 0000071-36-3 | Butanol | OSHA | 100 ppm TWA; 300 mg/m3 TWA50 ppm Ceiling; 150 mg/m3 Ceiling |
| | | ACGIH | 20 ppm TWA |
| | | NIOSH | 50 ppm Ceiling; 150 mg/m3 Ceiling1400 ppm IDLH (10% LEL) |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 20 ppm TWA |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0000095-63-6 | 1,2,4-Trimethyl benzene | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | 25 ppm TWA; 125 mg/m3 TWA |

HB0980_A0

| | | | |
|--------------|-----------------------------------|-----------|--|
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0000107-15-3 | Ethylene diamine | OSHA | 10 ppm TWA; 25 mg/m3 TWA |
| | | ACGIH | 10 ppm TWA |
| | | NIOSH | 10 ppm TWA; 25 mg/m3 TWA 1000 ppm IDLH |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | 10 ppm TWA |
| | | Mexico | 10 ppm TWA; 25 mg/m3 TWA 3 mg/m3 STEL |
| | | Brazil | No Established Limit |
| 0000108-67-8 | 1,3,5-Trimethylbenzene | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | 25 ppm TWA; 125 mg/m3 TWA |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0064742-95-6 | Petroleum naphtha, light aromatic | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |
| 0068413-28-5 | Alkylated polyamine adduct | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |
| | | Supplier | No Established Limit |
| | | OHSA, CAN | No Established Limit |
| | | Mexico | No Established Limit |
| | | Brazil | No Established Limit |

Health Data

| CAS No. | Ingredient | Source | Value |
|--------------|-----------------------------------|--------|---|
| 0000071-36-3 | Butanol | NIOSH | Eye and mucous membrane irritation CNS depression |
| 0000095-63-6 | 1,2,4-Trimethyl benzene | NIOSH | No Established Limit |
| 0000107-15-3 | Ethylene diamine | NIOSH | Sensitization and primary irritation to the skin mucous membranes |
| 0000108-67-8 | 1,3,5-Trimethylbenzene | NIOSH | No Established Limit |
| 0064742-95-6 | Petroleum naphtha, light aromatic | NIOSH | No Established Limit |
| 0068413-28-5 | Alkylated polyamine adduct | NIOSH | No Established Limit |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|--------------|-------------------------|--------|--|
| 0000071-36-3 | Butanol | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000095-63-6 | 1,2,4-Trimethyl benzene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

HB0980_A0

| | | | |
|--------------|-----------------------------------|------|--|
| 0000107-15-3 | Ethylene diamine | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0000108-67-8 | 1,3,5-Trimethylbenzene | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0064742-95-6 | Petroleum naphtha, light aromatic | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0068413-28-5 | Alkylated polyamine adduct | OSHA | Select Carcinogen: No |
| | | NTP | Known: No; Suspected: No |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

| | |
|----------------------|---|
| Respiratory | Select equipment to provide protection from the ingredients listed in Section 3 of this document. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates dust, vapor, or mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. FOR USERS OF 3M RESPIRATORY PROTECTION ONLY: For information and assistance on 3M occupational health and safety products, call OH&ESD Technical Service toll free in U.S.A. 1-800-243-4630, in Canada call 1-800-267-4414. Please do not contact these numbers regarding other manufacturer's respiratory protection products. 3M does not endorse the accuracy of the information contained in this Material Safety Data Sheet. |
| Eyes | Do not get in eyes. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific condition of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, safety glasses, chemical goggles, and/or head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Skin | Protective equipment should be selected to provide protection from exposure to the chemicals listed in Section 3 of this document. Depending on the site-specific conditions of use, protective gloves, apron, boots, head and face protection may be required to prevent contact. The equipment must be thoroughly cleaned, or discarded after each use. |
| Engineering Controls | Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. |
| Other Work Practices | Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use good personal hygiene practices. Wash hands before eating, drinking, using toilet facilities, etc. Promptly remove soiled clothing and wash clothing thoroughly before reuse. Shower after work using plenty of soap and water. |

9. Physical and chemical properties

| | |
|------------------|--|
| Physical State | Liquid Coloured |
| pH | No Established Limit |
| Specific Gravity | 0.94 |
| Boiling Point F | 200 |
| Vapor Density | Heavier than air |
| VOC % | Refer to the Technical Data Sheet or label where information is available. |
| Evaporation Rate | Slower than ether |

10. Stability and reactivity

| | |
|---------|---|
| General | This product is stable and hazardous polymerization will not occur. Not sensitive to mechanical impact. Excessive heat and fumes generation can occur if improperly |
|---------|---|

HB0980_A0

handled.

Incompatible Materials Strong oxidizing agents.
 Hazardous May produce hazardous fumes when heated to decomposition as in welding. Fumes
 Decomposition may produce Carbon Dioxide and Carbon Monoxide.

11. Toxicological information

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LD50, mg/L/4hr |
|--|------------------------------|--------------------------------|---------------------------------|
| Butanol – (0000071–36–3) | 790.00, Rat – Category: 4 | 3,400.00, Rabbit – Category: 5 | 17.70, Rat – Category: 4 |
| 1,2,4-Trimethyl benzene – (0000095–63–6) | 3,400.00, Rat – Category: 5 | 3,160.00, Rabbit – Category: 5 | ----- |
| Ethylene diamine – (0000107–15–3) | 637.00, Rat – Category: 4 | 550.00, Rabbit – Category: 3 | ----- |
| 1,3,5-Trimethylbenzene – (0000108–67–8) | 5,000.00, Rat – Category: 5 | ----- | ----- |
| Petroleum naphtha, light aromatic – (0064742–95–6) | 8,400.00, Rat – Category: NA | 2,000.00, Rabbit – Category: 4 | 5.20, Rat – Category: 3 |
| Alkylated polyamine adduct – (0068413–28–5) | ----- | ----- | ----- |

General NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

12. Ecological information

Not Defined
 No additional information provided for this product. See Sections 8 and 11 for chemical specific data.

13. Disposal considerations

Dispose of in accordance with local, state and federal regulations. (Also reference RCRA information in Section 15 if listed).

14. Transport information

| DOT (Domestic Surface Transportation) | | IMO / IMDG (Ocean Transportation) | |
|---------------------------------------|------------------------|-----------------------------------|--------------------------------------|
| DOT Proper Shipping Name | PAINT | IMDG Proper Shipping Name | PAINT |
| DOT Hazard Class | 3 | IMDG Hazard Class | 3 – Flammable and Combustible liquid |
| UN / NA Number | UN 1263 | UN / NA Number | UN 1263 |
| DOT Packing Group | III | IMDG Packing Group | III |
| CERCLA/DOT RQ | 1540 gal. / 12064 lbs. | System Reference Code | 2 |

15. Regulatory information

Regulatory Overview The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. All ingredients of this product are listed on the TSCA (Toxic Substance Control Act) Inventory or are not required to be listed on the TSCA Inventory.

WHMIS Classification No Established Limit

DOT Marine Pollutants (10%):
 (No Product Ingredients Listed)
 DOT Severe Marine Pollutants (1%):
 (No Product Ingredients Listed)

EPCRA 311/312 Chemicals and RQs (>.1%) :

- Cumene (5000 lb final RQ; 2270 kg final RQ)
- Ethylene diamine (5000 lb final RQ; 2270 kg final RQ)
- Butanol (5000 lb final RQ; 2270 kg final RQ)
- Xylenes (o-, m-, p- isomers) (100 lb final RQ; 45.4 kg final RQ)

EPCRA 302 Extremely Hazardous (>.1%) :

- Ethylene diamine (10000 lb TPQ)

EPCRA 313 Toxic Chemicals (>.1%) :

- 1,2,4-Trimethyl benzene
- Cumene
- Butanol
- Xylenes (o-, m-, p- isomers)

Mass RTK Substances (>1%) :

- 1,2,4-Trimethyl benzene
- Ethylene diamine
- Butanol
- 1,3,5-Trimethylbenzene

Mass Extraordinarily Haz Sub (>.01%) :

- Ethylene diamine

Penn RTK Substances (>1%) :

- 1,2,4-Trimethyl benzene
- Ethylene diamine
- Butanol

Penn Special Hazardous Substances (>.01%) :
(No Product Ingredients Listed)

Rhode Island Hazardous Substances (>.1%) :

- Cumene
- Ethylene diamine
- Butanol
- Xylenes (o-, m-, p- isomers)

RCRA Status:

(No Product Ingredients Listed)

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

- 1,2,4-Trimethyl benzene
- Ethylene diamine
- Butanol

N.J. Special Hazardous Substances (>.01%) :

- Cumene
- Ethylene diamine
- Butanol
- Xylenes (o-, m-, p- isomers)

N.J. Env. Hazardous Substances (>.1%) :

- 1,2,4-Trimethyl benzene
- Cumene
- Ethylene diamine
- Butanol
- Xylenes (o-, m-, p- isomers)

Proposition 65 – Carcinogens (>0%):

- Cumene

Proposition 65 – Female Repro Toxins (>0%):

(No Product Ingredients Listed)

Proposition 65 – Male Repro Toxins (>0%):

(No Product Ingredients Listed)

Proposition 65 – Developmental Toxins (>0%):

(No Product Ingredients Listed)

Risk Phrases:

R36/38: Irritating to eyes and skin.

HB0980_A0

R42/43: May cause sensitisation by inhalation and skin contact.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

| |
|-----------------------|
| 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.