

Code: MSDS- NVM 70

Version: 01 NOVIMAC 70 SAFETY SHEET

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SECTION 1: Product and Company Identification.

1A Product Identifiers Product Name: NOVIMAC 70.

1B Relevant Uses and unusual uses. Identified Uses: Oily Adjuvant for the Formulation of Veterinary Pharmaceutical Specialties Uses advised Uses: No Data Available.

1C Manufacturer Data Company: Novomid Diagnostica

Franz-Volhard-Straße 5, 68167 Mannheim/ Germany, Tel: +49 0621 33992300 / info@novomid.com

SECTION 2: Identification of hazards

2A Toxic by aspiration.

CATEGORY 1 2B Warning word: DANGER 2C Health: H304 It can be fatal if swallowed or if it enters the airways.

SECTION 3: Composition / information on components.

3A Product description: Sorbitan esters vehiculated in pharmaceutical grade light mineral oil.

3B Hazardous ingredients: Contains no hazardous ingredients.

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SECTION 4: First Aid 4A Inhalation: Remove the patient from the place of exposure. Go to the doctor. 4B Skin contact: Remove contaminated clothing. Wash skin with soap and water. If symptoms evolve, see your doctor. 4C Eye contact: Irrigate with eyewash solution or clear water, keeping the eyelids separate, for at least 10 minutes. Go to the doctor. 4D Ingestion: Do not cause vomiting. Rinse mouth with water. See your doctor if you feel unwell. 4E Additional medical treatment: Symptomatic treatment and supportive therapy, as directed.

SECTION 5: Fire measures

5A Fuel, but not easily flammable.

5B Extinguishing media: Carbon dioxide or dry powder or

5C foam Protective firefighting equipment: Self-contained breathing equipment and appropriate protective clothing should be used in a fire.

SECTION 6: Measures in case of accidental discharge

6A Adsorber spills with sand, soil or other suitable adsorbent material.

6B Do not allow them to enter drains, sinks or streams of water.

6C Transfer spillage to a container for disposal.

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6D Wash spill area with soap and hot water.

6E Spills or uncontrolled discharge into watercourses should be reported to the competent authority concerned.

SECTION 7: Handling and storage.

7A MANIPULATION Store the product in a cool, well-ventilated place away from ignition sources. Provide suitable mechanical equipment for the safe handling of drums and other heavy vessels.

7B STORAGE Protect from light. Keep the product between 4o and 30oC. 7C SPECIAL CAUTIONS Avoid any contamination by other products and materials. Once the container is opened, restore an inert nitrogen atmosphere to preserve the unused product. Keep containers closed when not in use. Prevent splashes and losses to avoid danger of slipping.

SECTION 8: Exposure controls / individual protection

8A Good working practices indicate that Nitrile gloves and glasses should be used.

8B Has No Occupational Exposure Limit assigned.

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SECTION 9: Physical and chemical properties

TEST METHOD RESULTS

1 Appearance Clear oily liquid, slightly yellowish.

2 Acidity index USP35 0.00 - 1.00 mg KOH/g

3 Saponification index USP35 10 - 18 mg KOH/g

4 Iodine index USP35 3.0 - 7.0 g Iodine/100 g

5 Peroxide index USP35 0.00 - 2.00 mmoles/kg

6 Refractive index at 25oC USP35 1,455 - 1,465

7 Hydroxyl index USP35 10 - 25 mg KOH/g

8 Specific gravimetry at 25oC USP35 0.83 - 0.86

9 Water USP35 Max. 0.5 %

10 Conductivity USP35 0.0 uS/cm

11 Viscosity at 25oC USP35 About 20 cps

12 Water insoluble solubility - Soluble in mineral oils and organic solvents

13 H.L.B. 5.78

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SECTION 10: Stability and reactivity

10A Hazardous chemical reactions: None known.

10B Chemical Stability: Stable under recommended storage conditions.

10C Conditions to avoid Keeping away from heat sources, fire direct and other sources of ignition.

10D Incompatible materials Avoid contact with strong oxidizers such as: chlorinated. solutions and concentrated oxygen.

10E Hazardous decomposition products. This properly preserved product does not decompose at room temperature.

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SECTION 11: Toxicological information.

11A Inhalation: Low vapor pressure which lowers the likelihood of inhaling vapors, but dangerous if.

11B skin contact occurs: Prolonged skin contact can be irritating.

11C Direct eye contact: It is likely to cause eye irritation.

11D Ingestion: Unlikely in industrial use. Small amounts sucked in during ingestion or inhaled can cause lung injury and/or be fatal.

SECTION 12: Ecological information.

12A Environmental impact and distribution This product is essentially insoluble in water.

12B Persistence and degradation: The product is not easily biodegraded. Spillage should be avoided.

12C Fish toxicity: No data. 12D Soil mobility Low solubility in water allows migration from water to land possible.

SECTION 13: Disposal Considerations.

13A Waste treatment methods Waste should be treated in accordance with current national legislation.

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SECTION 14: Transport information.

14A Special precautions for transport Do not require special precautions, in addition to the storage recommendations listed in section 7. Not classified as hazardous for transport or as a marine pollutant.

SECTION 15: Regulatory information

15A Permissible daily intake: No data available

15B Maximum residue limit: No data available.

SECTION 16: Other information NOVIMAC 50 is an oily adjuvant intended for the manufacture of veterinary pharmaceutical specialties.

NOTE: All information we provide in this safety data sheet is based on tests and data that we consider reliable and should only be used as a guide. However, they do not mean express or implied warranty on the part of Lebak Trading S.A. and it will be the responsibility of the product to determine the usefulness of the product for its own use.

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