under the terms of 1999/45/EC



24.04.2009 Seite 1 von 11

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

Product name:

Busch VE 101

Use of the

Vacuum pump oil for specific application advice see appropriate Technical Data

substance/preparation:

Sheet of their respective vacuum pumps.

Supplier:

Dr.-Ing. K. Busch GmbH and Busch Produktions GmbH

Schauinslandstr. 1 Postfach 1251 D-79689 Maulburg

Tel.: +49 (0) 7622 - 681 - 0 Fax: +49 (0) 7622 - 5484

Emergency telephone

Poison Centre Berlin (0) 30 19240

number:

24-hours-emergency telephone code ++49 (0) 30 19240

2. Hazards identification

Generalities:

The product is classified as dangerous according to Directive 1999/45/EC and its

amendments.

Classification:

R52/53

Environmental hazards:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

3. Composition/information on ingredients

Substance/preparation:

Preparation

Ingredient name	CAS number	%	EC number	Classification	1
Europe	140.00.4	0.4.4	004.070.4	V 504	
Phenol, 4-4'- methylenebis[2,6-bis(1,1- dimethylethyl)-]	118-82-1	0.1 - 1	204-279-1	Xn;R21	[1]
N-Phenyl-1-naphylamin	90-30-2	0.1 - 1	201-983-0	Xn;R20/22 R43 N; R50/53	[1]
Diphenylamin	122-39-4	0.1 - 1	204-539-4	T; R23/24/25 R33 N; R50/53	[1] [2]
France Phenol, 4-4'- methylenebis[2,6-bis(1,1- dimethylethyl)-]	118-82-1	0.1 - 1	204-279-1	Xn;R21	[1]
N-Phenyl-1-naphylamin	90-30-2	0.1 - 1	201-983-0	Xn;R20/22 R43 N; R50/53	[1]
Diphenylamin	122-39-4	0.1 - 1	204-539-4	T; R23/24/25 R33 N; R50/53	[1] [2]

Safety Data Sheet Busch VE 101 under the terms of 1999/45/EC



Seite 2 von 11

	•				Seite 2 von 11
Netherlands Phenol, 4-4'- methylenebis[2,6-bis(1,1- dimethylethyl)-]	118-82-1	1-3	204-279-1	Xn; R21	[1]
N-Phenyl-1-naphthylamin	90-30-2	0.25-1	201-983-0	Xn; R20/22 R43	[1]
Diphenylamin	122-39-4	0.1-0.25	204-539-4	N; R50/53 T; R23/24/25 R33 N; R50/53	[1] [2]
Germany Phenol, 4-4'- methylenebis[2,6-bis(1,1- dimethylethyl)-]	118-82-1	1-3	204-279-1	Xn; R21	[1]
N-Phenyl-1-naphthylamin	90-30-2	0.25-1	201-983-0	Xn; R20/22 R43 N; R50/53	[1]
Diphenylamin	122-39-4	0.1-0.25	204-539-4	T; R23/24/25 R33 N; R50/53	[1] [2]
Finland Phenol, 4-4'- methylenebis[2,6-bis(1,1-dimethylethyl)-]	118-82-1	1-3	204-279-1	Xn; R21	[1]
N-Phenyl-1-naphthylamin	90-30-2	0.25-1	201-983-0	Xn; R20/22 R43	[1]
Diphenylamin	122-39-4	0.1-0.25	204-539-4	N; R50/53 T; R23/24/25 R33 N; R50/53	[1] [2]
United Kingdom (UK) Phenol, 4-4'- methylenebis[2,6-bis(1,1- dimethylethyl)-]	118-82-1	1-3	204-279-1	Xn; R21	[1]
N-Phenyl-1-naphthylamin	90-30-2	0.25-1	201-983-0	Xn; R20/22 R43	[1]
Diphenylamin	122-39-4	0.1-0.25	204-539-4	N; R50/53 T; R23/24/25 R33 N; R50/53	[1] [2]
Spain Phenol, 4-4'- methylenebis[2,6-bis(1,1- dimethylethyl)-]	118-82-1	1-3	204-279-1	Xn; R21	[1]
N-Phenyl-1-naphthylamin	90-30-2	0.25-1	201-983-0	Xn; R20/22 R43 N; R50/53	[1]
Diphenylamin	122-39-4	0.1-0.25	204-539-4	T; R23/24/25 R33 N; R50/53	[1] [2]

under the terms of 1999/45/EC



Seite 3 von 11

See section 16 for the full text of the R-phrases declared above.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

4. First-aid measures

Eye contact: Check for and remove any contact lenses. In case of contact with eyes, rinse

immediately with plenty of water. Obtain medical attention if symptoms occur.

Skin contact: Wash with soap and water. Obtain medical attention if symptoms occur.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical

attention if symptoms appear.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person.

Get medical attention if symptoms appear.

No action shall be taken involving any personal risk or without suitable training. It Protection of first-aiders:

may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Notes to physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist

immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Extinguishing media:

- Suitable: Use an extinguishing agent suitable for the surrounding fire.

- Not suitable: None known.

Hazardous thermal

The final products of combustion are carbon oxides and water. Nitrogen, sulfur and decomposition products: metal oxides may also be produced in some cases.

Hazardous combustion

Decomposition products may include the following materials:

products: - carbon dioxide

- carbon monoxide Special firefighting No specific data.

measures:

Special protective equipment Fire-fighters should wear appropriate protective equipment and self-contained

breathing apparatus (SCBA) with a full face-piece operated in positive pressure for fire-fighters:

mode.

under the terms of 1999/45/EC



24.04.2009 Seite 4 von 11

6. Accidental release measures

Personal precautions: No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is

Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).

Environmental precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental

pollution (sewers, waterways, soil or air). Water polluting material.

Methods for cleaning up: Stop leak if without risk. Move containers from spill area. Approach the release from

upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and

collect spillage with non-combustible, absorbent material e.g. sand, earth,

vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal

contractor. Contaminated absorbent material may pose the same hazard as the spilt product.Note: see section 1 for emergency contact information and section 13 for

waste disposal.

large redundant quantity: small redundant quantity:

see Environmental precautions see Environmental precautions

7. Handling and storage

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking

and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapour or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain

product residue and can be hazardous. Do not reuse container.

Storage: Store in accordance with local regulations. Store in original container protected from

direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers.

Use appropriate containment to avoid environmental contamination.

Packaging materials

Recommended: Use original container.

under the terms of 1999/45/EC



24.04.2009 Seite 5 von 11

8. Exposure controls/personal protection

Exposure limit values Ingredient name

Occupational exposure limits

Europe

Diphenylamin ACGIH TLV (United States, 1/2006).

TWA: 10 mg/m³ 8 hour(s).

France

Diphenylamin INRS (France, 6/2006).

TWA: 10 mg/m³ 8 hour(s).

Netherlands

Diphenylamin Nationale MAC-lijst (Netherlands, 7/2006).

OEL, 8-h TWA: 0.7 mg/m3 8 hour(s).

Germany

Diphenylamin No exposure limit value known.

Finland

Diphenylamin Työterveyslaítos, Sosiaali- ja terveysministeriö (Finland, 4/2005).

STEL: 10 mg/m³ 15 minute(s).

TWA: 5 mg/m³ 8 hour(s).

United Kingdom (UK)

Diphenylamin EH40-WEL (United Kingdom (UK), 9/2006).

WEL 15 min limit: 20 mg/m³ 15 minute(s).

WEL 8 hrs limit: 10 mg/m³ 8 hour(s).

Spain

Diphenylamin INSHT (Spain, 1/2006).

TWA: 10 mg/m³ 8 hour(s).

Exposure controls

Recommended monitoring

procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous

substances.

Occupational exposure

controls:

No special ventilation requirements. Good general ventilation should be sufficient to

control worker exposure to airborne contaminants. If this product contains

ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or

statutory limits.

Hygiene measures:

Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. During formulation,

follow good industrial hygiene practice.

Environmental exposure

controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment

will be necessary to reduce emissions to acceptable levels.

under the terms of 1999/45/EC



24.04.2009 Seite 6 von 11

Personal protective equipment

Respiratory protection:

No specific data. Natural rubber (latex).

Hand protection: Eye protection:

Safety glasses with side shields.

Skin and body:

No specific data.

9. Physical and chemical properties

General information/appearance

Physical state:

Liquid

Colour:

Amber [Light]

Odour:

Mild

Important health, safety and environmental information

Flash point:

Open cup: >240°C (464°F) (Cleveland.).

viscosity:

No specific data.

flow limit:

No specific data.

Relative density:

0.96

10. Stability and reactivity

Stability:

The product is stable. Under normal conditions of storage and use, hazardous

polymerisation will not occur.

Possibility of hazardous

reactions:

No specific data.

Conditions to avoid:

No specific data. No specific data.

Materials to avoid:

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

11. Toxicological information

Acute toxicity

Product/ingredient name	Test / Type	Species	Dose	Exposure
Phenol, 4-4'-	LD50 Dermal	Rat	>2 g/kg	-
methylenebis[2,6-bis(1,1-	LD50 Dermal	Rabbit	>1400 mg/kg	-
dimethylethyl)-]	LD50 Oral	Rat	>24 g/kg	-
N-Phenyl-1-naphthylamin	LD50 Oral	Rat	1625 mg/kg	-
Diphenylamin	LD50 Oral	Rat	1120 mg/kg	-

Potential chronic health effects

Chronic effects:

No known significant effects or critical hazards.

Carcinogenicity:

No known significant effects or critical hazards. No known significant effects or critical hazards.

Mutagenicity: Teratogenicity:

No known significant effects or critical hazards.

Developmental effects:

No known significant effects or critical hazards. No known significant effects or critical hazards.

Fertility effects:

under the terms of 1999/45/EC



24.04.2009 Seite 7 von 11

Over-exposure signs/symptoms

Eyes: Skin: No specific data.

Inhalation:

No specific data. No specific data.

Ingestion:

No specific data.

12. Ecological information

Environmental effects:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

Aquatic ecotoxicity

, iquatio 00010;					
Product/ingredient name	Test	Species	Exposure	Result	
Diphenylamin	Intoxication	Daphnia	48 hours	Akute EC50 2 mg/L	
	Intoxication	Daphnia	48 hours	Akute EC50 0.31 mg/L	
	Mortality	Fish	96 hours	Akute LC50 3,79 mg/L	

Other ecological information

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
N-Phenyl-1-naphthylamin	-	-	Readily

13. Disposal consideration

Product

Disposal

considerations/waste

information:

The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its

containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable

products via a licensed waste disposal contractor. Disposal of this product, solutions

and any by-products should at all times comply with the requirements of

environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with

soil, waterways, drains and sewers.

Hazardous waste:

The classification of the product may meet the criteria for a hazardous waste.

Unused product

Waste information:

European waste catalogue (EWC)

14. Transport information

International transport regulations

UN/ IMDG/ IATA / ADNR/

Not regulated by any transport mode.

ADR:

Dokumenten Nr. T610 112 364

under the terms of 1999/45/EC



24.04.2009 Seite 8 von 11

15. Regulatory information

EU regulations: Classification and labeling have been determined according to EU Directives

67/548/EEC and 1999/45/EC (including amendments) and take into account the

intended product use.

Label requirements

Risk phrases:

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

aquatic environment.

Product use:

Industrial applications.

Europe inventory:

All components are listed or exempted.

Other EU-regulations

Additional warning phrases:

Contains N-Phenyl-1-naphthylamine. May produce an allergic reaction.

The Restriction of:

In compliance.

Hazardous Substances in Electrical and Electronic Equipment (ROHS) Directive

(2002/95/EC)

National regulations France

Social Security Code,

Diphenylamine 15, 15bis

Articles L 461-1 to L 461-7:

Reinforced medical

Act of July 11, 1977 determining the list of activities which require reinforced medical

surveillance:

surveillance: Not applicable.

Germany Hazard class for

water:

1 Appendix No. 4

Dokumenten Nr. T610 112 364

Safety Data Sheet Busch VE 101 under the terms of 1999/45/EC



Seite 9 von 11

16 Other information

16. Other information	
Full text of R-phrases	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
referred to in sections 2 and	R21- Harmful in contact with skin.
3 - Europe:	R20/22- Harmful by inhalation and if swallowed.
'	R43- May cause sensitisation by skin contact.
	R33- Danger of cumulative effects.
	R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
	R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
Full text of classifications	T - Toxic
	Xn - Harmful
3 - Europe:	N - Dangerous for the environment
Full text of R-phrases	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
referred to in sections 2 and	R21- Harmful in contact with skin.
3 - France	R20/22- Harmful by inhalation and if swallowed.
3 - 1 Tarice	R43- May cause sensitisation by skin contact.
	R33- Danger of cumulative effects.
	R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
	R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
Full text of classifications	T - Toxic
	Xn - Harmful
10.0	N - Dangerous for the environment
3 - France:	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
Full text of R-phrases referred to in sections 2 and	R21- Harmful in contact with skin.
3 - Netherlands:	R20/22- Harmful by inhalation and if swallowed.
3 - Netherlands.	R43- May cause sensitisation by skin contact.
	R33- Danger of cumulative effects.
	R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
	R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
	Locustic environment
F 0 4 4 6 1 16 6	aquatic environment.
Full text of classifications	T - Toxic
referred to in sections 2 and	T - Toxic Xn - Harmful
referred to in sections 2 and 3 - Netherlands:	T - Toxic Xn - Harmful N - Dangerous for the environment
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and 3 - Germany:	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and 3 - Germany: Full text of classifications	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
referred to in sections 2 and 3 - Netherlands: Full text of R-phrases referred to in sections 2 and 3 - Germany:	T - Toxic Xn - Harmful N - Dangerous for the environment R23/24/25- Toxic by inhalation, in contact with skin and if swallowed. R21- Harmful in contact with skin. R20/22- Harmful by inhalation and if swallowed. R43- May cause sensitisation by skin contact. R33- Danger of cumulative effects. R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Data Sheet Busch VE 101 under the terms of 1999/45/EC



24.04.2009 Seite 10 von 11

Full to A - CD - I	Seite 10 von 11
Full text of R-phrases	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
referred to in sections 2 and	The state of the s
3 - Finland:	R20/22- Harmful by inhalation and if swallowed.
	R43- May cause sensitisation by skin contact.
	R33- Danger of cumulative effects.
1	R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
	R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
Full text of classifications	T - Toxic
referred to in sections 2 and	Xn - Harmful
3 - Finland:	N - Dangerous for the environment
Full text of R-phrases	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
referred to in sections 2 and	R21- Harmful in contact with skin.
3 - United Kingdom (UK):	R20/22- Harmful by inhalation and if swallowed.
	R43- May cause sensitisation by skin contact.
	R33- Danger of cumulative effects.
	R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
	R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment,
Full text of classifications	T - Toxic
referred to in sections 2 and	Xn - Harmful
3 - United Kingdom (UK):	N - Dangerous for the environment
Full text of R-phrases	R23/24/25- Toxic by inhalation, in contact with skin and if swallowed.
referred to in sections 2 and	R21- Harmful in contact with skin.
3 - Spain:	R20/22- Harmful by inhalation and if swallowed.
	R43- May cause sensitisation by skin contact.
	R33- Danger of cumulative effects.
	R50/53- Very toxic to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
	R52/53- Harmful to aquatic organisms, may cause long-term adverse effects in the
	aquatic environment.
Full text of classifications	T - Toxic
	Xn - Harmful
3 - Spain:	N - Dangerous for the environment

under the terms of 1999/45/EC



24.04.2009 Seite 11 von 11

History

Date of previous issue:

24.04.2009

Date of issue / Date of

12.05.1995 / 08.06.2001

revision:

Prepared by

Dr. -Ing. K. Busch GmbH / VCA / Mr. Christiansen

Company / department /

name:

Notice to reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

Busch shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at

work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.