

SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006)

**A25, A26 Bama Power Protector**

Version 1.0

Revision Date 06.05.2015

Print Date 06.05.2015

Specification Number: 350000026999

SITE FORM Number:
30000000000000018769.001**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier** : A25, A26 Bama Power Protector**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of the Substance/Mixture** : Polishes and wax blends**Uses advised against** : None known.**1.3 Details of the supplier of the safety data sheet** : S.C. Johnson Bama GmbH
Pfalzgraf-Otto-Str. 50
D-74821 Mosbach**Telephone** : +49 (0) 6261/801-0**E-mail address** : SDSBama@scj.com**1.4 Emergency telephone number** :**2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 1	Extremely flammable aerosol.
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2A	Causes serious eye irritation.
Specific target organ toxicity - single exposure	Category 3	May cause drowsiness or dizziness.
Chronic aquatic toxicity	Category 3	Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard symbols

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Danger

Hazard statements

- (H222) Extremely flammable aerosol.
- (H229) Pressurised container: May burst if heated.
- (H315) Causes skin irritation.
- (H319) Causes serious eye irritation.
- (H336) May cause drowsiness or dizziness.
- (H412) Harmful to aquatic life with long lasting effects.

Precautionary statements

- (P101) If medical advice is needed, have product container or label at hand.
- (P102) Keep out of reach of children.
- (P312) Call a POISON CENTER or doctor/ physician if you feel unwell.
- (P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- (P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
- (P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- (P211) Do not spray on an open flame or other ignition source.
- (P251) Do not pierce or burn, even after use.
- (P261) Avoid breathing spray.
- (P264) Wash hands thoroughly after handling.
- (P271) Use only outdoors or in a well-ventilated area.

2.3 Other hazards : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures****Hazardous components**

Chemical Name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
isopropanol	67-63-0/200-661-7	01-2119457558-25	Flammable liquids Category 2 H225 Eye irritation Category 2 H319 Specific target organ	>= 20.00 - < 30.00

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			toxicity - single exposure Category 3 H336 Acute toxicity Category 4 H332	
Naphtha (petroleum), hydrotreated light	64742-49-0/927- 510-4	01-2119475515-33	Aspiration hazard Category 1 H304 Flammable liquids Category 2 H225 Skin irritation Category 2 H315 Specific target organ toxicity - single exposure Category 3 H336 Chronic aquatic toxicity Category 2 H411	>= 20.00 - < 30.00
Naphtha (petroleum), hydrotreated heavy	64742-48-9/927- 241-2	01-2119471843-32	Aspiration hazard Category 1 H304 Specific target organ toxicity - single exposure Category 3 H336 Flammable liquids Category 3 H226 Chronic aquatic toxicity Category 3 H412	>= 10.00 - < 20.00
Naphtha (petroleum), hydrotreated heavy	90622-58-5/920- 901-0	01-2119456810-40	Aspiration hazard Category 1 H304	>= 1.00 - < 5.00
n-Hexane	110-54-3/203-777- 6	-	Flammable liquids Category 2 H225 Skin irritation Category 2 H315 Reproductive toxicity	>= 1.00 - < 5.00

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			Category 2 H361f Specific target organ toxicity - single exposure Category 3 H336 Specific target organ toxicity - repeated exposure Category 2 H373 Aspiration hazard Category 1 H304 Chronic aquatic toxicity Category 2 H411	
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WEL substance				
n-butyl acetate	123-86-4/204-658-1	01-2119484630-38	Flammable liquids Category 3 H226 Specific target organ toxicity - single exposure Category 3 H336	>= 1.00 - < 5.00

Additional Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation : Move to fresh air.
If breathing is affected, get medical attention.

- Skin contact : Take off all contaminated clothing immediately.
Wash off with soap and plenty of water.
Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.

- Eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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Ingestion : Do NOT induce vomiting.
If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Rinse mouth with water.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Eyes : No adverse effects expected when used as directed.

Skin effect : Causes skin irritation.
No adverse effects expected when used as directed.

Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
No adverse effects expected when used as directed.

Ingestion : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.
No adverse effects expected when used as directed.
Harmful: may cause lung damage if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : High volume water jet

5.2 Special hazards arising from the substance or mixture : Heating may cause an explosion.
In case of fire and/or explosion do not breathe fumes.
Exposure to decomposition products may be a hazard to health.

5.3 Advice for firefighters : In the event of fire, wear self-contained breathing apparatus.
Wear suitable protective clothing and gloves.
Refer to current EN or National standard as appropriate.

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6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment.
Remove all sources of ignition.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

- 6.2 Environmental precautions** : Prevent product from entering drains.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
Use appropriate containment to avoid environmental contamination.

- 6.3 Methods and materials for containment and cleaning up** : If damage occurs to aerosol can:
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Clean residue from spill site.
Dike large spills.
Use only non-sparking equipment.

- 6.4 Reference to other sections** : For personal protection see section 8.
For disposal considerations see section 13.

7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling** : For personal protection see section 8.
Do not breathe vapours or spray mist.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
Wear personal protective equipment.
Do not use in areas without adequate ventilation.
Do not puncture.
Use explosion-proof equipment.
Keep away from sources of ignition - No smoking.
Do not spray on a naked flame or any incandescent material.
Take measures to prevent the build up of electrostatic charge.

- 7.2 Conditions for safe storage, including any incompatibilities** : No smoking.
Store in cool place.
Do not freeze.
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Keep out of the reach of children.
Store away from food, beverages and pet food.
Maximum storage temperature:

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Stable under recommended storage conditions.
No decomposition if stored and applied as directed.

7.3 Specific end use(s) : Consumer uses: Private households (= general public = consumers)
Polishes and wax blends

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure Limit Values**

Components	CAS-No.	mg/m ³	ppm	Form of exposure	List
isopropanol	67-63-0	1,250	500 ppm		UK_WELSTEL
		999	400 ppm		UK_WELTWAS
n-butyl acetate	123-86-4	966	200 ppm		UK_WELSTEL
		724	150 ppm		UK_WELTWAS
n-Hexane	110-54-3	72 mg/m ³	20 ppm		EUOEL_TWAS
		72 mg/m ³	20 ppm		UK_WELTWAS
		216	60 ppm		UK_WELSTEL

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection : In the case of dust or aerosol formation use respirator with an approved filter.

Hand protection : Wear suitable gloves.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.
Before removing gloves clean them with soap and water.

Eye/face protection : Safety glasses

Skin and body protection : Wash contaminated clothing before re-use.

Other information : When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.

Environmental Exposure Controls : Refer to section 6.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance : aerosol
- Colour : colourless
transparent
- Odour : solvent-like
- Odour Threshold : Test not applicable for this product type
- pH : Test not applicable for this product type
- Melting point/freezing point : Test not applicable for this product type
- Initial boiling point and boiling range : Test not applicable for this product type
- Flash point : -60 °C
Method: Tag Closed Cup (TCC)
Propellant
- Evaporation rate : Test not applicable for this product type
- Flammability (solid, gas) : Sustains combustion
- Upper/lower flammability or explosive limits : Test not applicable for this product type
- Vapour pressure : Test not applicable for this product type
- Vapour density : Test not applicable for this product type
- Relative density : 0.696 g/cm³ at 21 °C
- Solubility(ies) : insoluble
- Partition coefficient: n-octanol/water : Test not applicable for this product type
- Auto-ignition temperature : not auto-flammable
- Decomposition temperature : Test not applicable for this product type
- Viscosity, dynamic : Test not applicable for this product type
- Viscosity, kinematic : Test not applicable for this product type

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Explosive properties : No data available
Oxidizing properties : Test not applicable for this product type
Other information : None identified :

10. STABILITY AND REACTIVITY

10.1 Reactivity : No dangerous reaction known under conditions of normal use.
10.2 Chemical stability : Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions : None known.
10.4 Conditions to avoid : Heat, flames and sparks.
10.5 Incompatible materials : None known.
10.6 Hazardous decomposition products : No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

Name	Method	Species	Dose
Product	EU CLP LD50 Calculated		> 2,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	EU CLP LC50 (dust and mist) Calculated		> 5 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
Product	EU CLP LD50Calculated		> 2,000 mg/kg

Acute oral toxicity

Name	Method	Species	Dose
isopropanol	EU CLP LD50	Rat	5.84 g/kg
Naphtha (petroleum),	EU CLP LD50	Rat	> 5,000 mg/kg

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hydrotreated light			
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	Rat	> 5,000 mg/kg
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	Rat	> 5,000 mg/kg
n-Hexane	Oral LD50	Rat	16 g/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
isopropanol	EU CLP LC50 (vapour) Measured	Rat	> 9,988 mg/l	6 h
Naphtha (petroleum), hydrotreated light	EU CLP LC50 (vapour)	Rat	> 7,630 mg/m ³	4 h
Naphtha (petroleum), hydrotreated heavy	EU CLP LC50 (vapour)	Rat	> 7,630 mg/m ³	4 h
Naphtha (petroleum), hydrotreated heavy	EU CLP LC50 (vapour)	Rat	> 7,630 mg/m ³	4 h
n-Hexane	LC50	Rat	48000 ppm	4 h

Acute dermal toxicity

Name	Method	Species	Dose
isopropanol	EU CLP LD50	Rabbit	16.4 ml/kg
Naphtha (petroleum), hydrotreated light	EU CLP LD50	Rabbit	> 2,000 mg/kg
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	Rabbit	> 2,000 mg/kg
Naphtha (petroleum), hydrotreated heavy	EU CLP LD50	Rabbit	> 2,000 mg/kg
n-Hexane	LD50	Rabbit	3,000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/eye irritation : Causes serious eye irritation.

Skin sensitisation : Based on available data, the classification criteria are not met.

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

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Toxicity for reproduction : Based on available data, the classification criteria are not met.

STOT - single exposure : May cause drowsiness or dizziness.

STOT - repeated exposure : Based on available data, the classification criteria are not met.

Aspiration hazard : Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION**Product** : The product itself has not been tested.**12.1 Toxicity**

Components	Acute aquatic toxicity	M-Factor	Chronic aquatic toxicity	M-Factor
isopropanol	No classification proposed		No classification proposed	
Naphtha (petroleum), hydrotreated light	No classification proposed		Toxic to aquatic life with long lasting effects.	
Naphtha (petroleum), hydrotreated heavy	No classification proposed		Harmful to aquatic life with long lasting effects.	
Naphtha (petroleum), hydrotreated heavy	No classification proposed		No classification proposed	
n-Hexane	No classification proposed		Toxic to aquatic life with long lasting effects.	
n-butyl acetate	No classification proposed		No classification proposed	

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
isopropanol	53 %	5 d	Readily biodegradable.
Naphtha (petroleum), hydrotreated light			Not readily biodegradable.
Naphtha (petroleum), hydrotreated heavy	89 %	28 d	Readily biodegradable.
Naphtha (petroleum), hydrotreated heavy	31.3 %	28 d	Not readily biodegradable.
n-Hexane	No data available		
n-butyl acetate	83 %	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
isopropanol	0.96 estimated	0.05
Naphtha (petroleum), hydrotreated light	No data available	No data available
Naphtha (petroleum), hydrotreated heavy	No data available	No data available
Naphtha (petroleum), hydrotreated heavy	15,884 - 100,000 estimated	5.8 - 7.6
n-Hexane	501.19 estimated	4.0
n-butyl acetate	No data available	2.3

12.4 Mobility

Component	End point	Value
isopropanol		No data available
Naphtha (petroleum), hydrotreated light	log Koc	> 1.783 - < 2.36
Naphtha (petroleum), hydrotreated heavy	log Koc	> 1.783 - < 2.36
Naphtha (petroleum), hydrotreated heavy	log Koc	> 1.783 - < 2.36
n-Hexane	Koc	2187.76
n-butyl acetate		No data available

12.5 PBT and vPvB assessment

Component	Results
isopropanol	Not fulfilling PBT and vPvB criteria
Naphtha (petroleum), hydrotreated light	Not fulfilling PBT and vPvB criteria
Naphtha (petroleum), hydrotreated heavy	Not fulfilling PBT and vPvB criteria
Naphtha (petroleum), hydrotreated heavy	Not fulfilling PBT and vPvB criteria
n-Hexane	Not fulfilling PBT and vPvB criteria
n-butyl acetate	Not fulfilling PBT and vPvB criteria

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12.6 Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Disposal should be in accordance with local, state or national legislation.
Please recycle empty packaging.

Packaging : Do not re-use empty containers.

14. TRANSPORT INFORMATION

	Land transport	Sea transport	Air transport
14.1 UN number	1950	1950	1950
14.2 UN proper shipping name	UN 1950 AEROSOLS, Flammable, 2.1, LTD QTY	UN 1950 AEROSOLS, Flammable, 2.1, LTD QTY	UN 1950 AEROSOLS, Flammable, 2.1, LTD QTY
14.3 Transport hazard class(es)	2	2	2.1
14.4 Packing group			
14.5 Environmental hazards			
14.6 Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture : This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. OTHER INFORMATION

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If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Further information

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.