

## The University of Hertfordshire Agricultural Substances Databases - EU Safety Phrases

Safety-phrases (also known as S-phrases) are defined in Annex II of EU Directive 67/548/EEC as amended by EU Directive 2001/59/EC which is concerned with identifying special risks attributed to dangerous substances and preparations. Whilst these phrases were developed for Europe they are used and recognised in many countries throughout the world.

### Single Codes

S1	Keep locked up.
S2	Keep out of the reach of children.
S3	Keep in a cool place.
S4	Keep away from living quarters.
S5	Keep contents under ... <i>(appropriate liquid to be specified by the manufacturer)</i> .
S6	Keep under ... <i>(inert gas to be specified by the manufacturer)</i> .
S7	Keep container tightly closed.
S8	Keep container dry.
S9	Keep container in a well-ventilated place.
S10	<i>Deleted.</i>
S11	<i>Deleted.</i>
S12	Do not keep container sealed.
S13	Keep away from food, drink and animal feeding stuffs.
S14	Keep away from ... <i>(incompatible materials to be indicated by the manufacturer)</i> .
S15	Keep away from heat.
S16	Keep away from sources of ignition – No smoking.
S17	Keep away from combustible material.
S18	Handle and open container with care.
S19	<i>Deleted.</i>
S20	When using do not eat or drink.
S21	When using do not smoke.
S22	Do not breathe dust.
S23	Do not breathe gas/fumes/vapour/spray ... <i>(appropriate wording to be specified by the manufacturer)</i> .
S24	Avoid contact with skin.
S25	Avoid contact with 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 ... <i>(to be specified by the manufacturer)</i> .
S29	Do not empty into drains.
S30	Never add water to this product.
S31	<i>Deleted.</i>
S32	<i>Deleted.</i>

S33	Take precautionary measures against static discharges.
S34	Avoid shock and friction ( <i>no longer used</i> ).
S35	This material and its container must be disposed of in a safe way.
S36	Wear suitable protective clothing.
S37	Wear suitable gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S39	Wear eye/face protection.
S40	To clean the floor and all objects contaminated by this material, use ... ( <i>to be specified by the manufacturer</i> ).
S41	In case of fire and/or explosion, do not breathe fumes.
S42	During fumigation/spraying, wear suitable respiratory equipment ( <i>appropriate wording to be specified by the manufacturer</i> ).
S43	In case of fire, use ... ( <i>indicate in the space the precise type of fire-fighting equipment. If water increases the risk, add - Never use water</i> ).
S44	If you feel unwell, seek medical advice ( <i>no longer used</i> ).
S45	In case of accident or if you feel unwell, seek medical advice immediately.
S46	If swallowed, seek medical advice immediately and show this container or label.
S47	Keep at temperature not exceeding ... °C ( <i>to be specified by the manufacturer</i> ).
S48	Keep wetted with ... ( <i>appropriate material to be specified by the manufacturer</i> ).
S49	Keep only in the original container.
S50	Do not mix with ... ( <i>to be specified by the manufacturer</i> ).
S51	Use only in well-ventilated areas.
S52	Not recommended for interior use on large surface areas.
S53	Avoid exposure - obtain special instructions before use.
S54	Obtain the consent of pollution control authorities before discharging to wastewater treatment plants ( <i>no longer used</i> ).
S55	Treat using the best available techniques before discharge into drains or the aquatic environment ( <i>no longer used</i> ).
S56	Dispose of this material and its container at hazardous or special waste collection point.
S57	Use appropriate container to avoid environmental contamination.
S58	To be disposed of as hazardous waste ( <i>no longer used</i> ).
S59	Refer to manufacturer/supplier for information on recovery/recycling.
S60	This material and its container must be disposed of as hazardous waste.
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.

## Multiple Codes

S1/2	Keep locked up and out of the reach of children.
S3/7	Keep container tightly closed in a cool place.
S3/7/9	Keep container tightly closed in a cool, well-ventilated place.
S3/9/14	Keep in a cool, well-ventilated place away from ... (incompatible materials to be indicated by the manufacturer).
S3/9/14/49	Keep only in the original container in a cool, well-ventilated place away from ... <i>(incompatible materials to be indicated by the manufacturer).</i>
S3/9/49	Keep only in the original container in a cool, well-ventilated place.
S3/14	Keep in a cool place away from ... <i>(incompatible materials to be indicated by the manufacturer).</i>
S7/8	Keep container tightly closed and dry.
S7/9	Keep container tightly closed and in a well-ventilated place.
S7/47	Keep container tightly closed and at temperature not exceeding ... °C (to be specified by the manufacturer).
S20/21	When using do not eat, drink or smoke.
S24/25	Avoid contact with skin and eyes.
S27/28	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of ... <i>(to be specified by the manufacturer).</i>
S29/35	Do not empty into drains; dispose of this material and its container in a safe way.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S36/37	Wear suitable protective clothing and gloves.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S36/39	Wear suitable protective clothing and eye/face protection.
S37/39	Wear suitable gloves and eye/face protection.
S47/49	Keep only in the original container at temperature not exceeding ... °C <i>(to be specified by the manufacturer).</i>