

BASF
We create chemistry

Dash® HC

Reg. No. L7469; N-AR 2157

Act No. 36 of 1947

**READ ATTACHED PACKAGE OR LEAFLET BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

An emulsifiable concentrate spray adjuvant, for agricultural applications.

'n Emulgeerbarekonsentraat bevorderingsmiddel, vir landboukundige bespuitings.

Combustible liquid.

Causes serious eye damage.

Causes skin irritation.

May be fatal if swallowed and enters airways.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

Wear protective gloves and eye protection or face protection.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

(EAC) Effective Adjuvant Components:

Fatty acid methyl esters... 348,8 g/ℓ

Alkoxylated alcohols-phosphate esters... 209,3 g/ℓ

Registered by:

BASF South Africa (Pty) Ltd

Co. Reg. No. 66/10235/07

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Geregistreeer deur:

BASF Suid-Afrika (Edms) Bpk

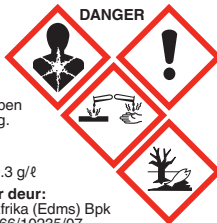
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Batch No. & Date manufactured: Refer to details printed on container
Lotnommer & Datum vervaardig: Verwys na besonderhede gedruk op houer

EMERGENCY NUMBER / NOODNOMMER: +27 82 446 8946

5 ℓ

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ENGLISH

WARNINGS

Hazard Statements

- Combustible liquid.
- Causes serious eye damage.
- Causes skin irritation.
- May be fatal if swallowed and enters airways.
- May cause drowsiness or dizziness.
- Toxic to aquatic life with long lasting effects.

- Handle with care.
- Store in a cool place away from food, feeds and seed.
- Keep out of reach of children, uninformed persons and animals.
- Full cognisance must be taken of all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on the labels of the products with which **Dash® HC** will be used.

PRECAUTIONS

Precautionary Statements

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Wear protective gloves and eye protection or face protection.
- Use only outdoors or in a well-ventilated area.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Avoid breathing mist or vapour or spray.
- Wash contaminated body parts thoroughly after handling.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER or physician.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF ON SKIN: Wash with plenty of soap and water.
- Collect spillage.
- Do NOT induce vomiting.
- Take off contaminated clothing and wash it before reuse.
- In case of fire: Use water spray, dry powder, foam or carbon dioxide for extinction.
- Store in a well-ventilated place. Keep container tightly closed.
- Store locked up.

- Do not eat, drink or smoke while mixing or spraying unless having washed hands and face.
- Thoroughly wash and rinse spray equipment after use and dispose of wash-water where it will not contaminate crops, grazing, rivers and dams.
- **Dash® HC** is corrosive to metal.
- TRIPLE RINSE empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Do not re-use the empty container for any other purpose but destroy it by perforation and flattening and dispose of it in a safe way.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

RELEVANT SUBSTANCES

Hazardous ingredients According to UN GHS criteria	CAS number	Concentration (W/W)
Solvent naphtha (petroleum), heavy arom.	64742-94-5	< 50 %
Oxirane, methyl-, polymer with oxirane, mono-C10-16-alkyl ethers, phosphates	68649-29-6	< 30 %

FIRST AID TREATMENT

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing

ON CONTACT WITH EYES:	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.
ON INGESTION:	Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting due to aspiration hazard.
ON SKIN CONTACT:	Immediately wash thoroughly with plenty of water, apply sterile dressings, consult a skin specialist.
IF INHALED:	Keep patient calm, remove to fresh air, seek medical attention. Immediately administer a corticosteroid from a controlled/metered dose inhaler.

Indication of any immediate medical attention and special treatment needed.

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

General information:

- **Dash® HC** spray adjuvant is to be applied in water-based sprays to enhance the effectiveness of post-emergent herbicides.
- **Dash® HC** enhances the performance of a herbicidal product, by physically modifying the deposition and wetting characteristics of the spray solution. Specifically, **Dash® HC**, reduces the surface tension of the spray solution. As a result, the absorption and activity of the spray solution on the plant leaf surface, is increased.
- Ensure good coverage and wetting of the weeds, especially when crop foliage is dense.

Mixing instructions:

Three-quarter fill the spray tank with clean water. Measure the required volume of **Dash® HC** and add to the spray tank. Refer to the other product's label for mixing instructions. Agitate the water in the spray tank and then first add the **Dash® HC**, followed by the other product(s). Fill the spray tank with water to the required level, while maintaining agitation, to ensure thorough mixing of the spray mixture, before spraying commences. Maintain agitation while spraying. The prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

Rate of Application:

Refer to the relevant label, for information regarding the dosage of Dash® HC to be used.

Dash® HC is a registered trademark of BASF

AFRIKAANS

WAARSKUWINGS

Gevaarverklarings

- Brandbare vloeistof.
 - Veroorsaak ernstige oogskade.
 - Veroorsaak velirritasie.
 - Mag dodelik wees indien ingesluk en in lugweg beland.
 - Mag slaperigheid of duiseligheid veroorsaak.
 - Giftig vir waterlewende organismes met langdurige gevolge.
-
- Hanteer versigtig.
 - Bêre in 'n koel plek weg van voedsel, voer en saad.
 - Hou buite bereik van kinders, oningeligte persone en diere.
 - Uitvoering moet gegee word aan al **WAARSKUWINGS, VOORSORGMATREËLS EN GEBRUIKSAANWYSINGS** soos vermeld op die etikette van die produkte waarmee **Dash® HC** gebruik word.

VOORSORGMATREËLS

Voorsorgverklarings

- Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand.
- Hou buite bereik van kinders.
- Lees sorgvuldig en volg alle instruksies.
- Dra beskermende handskoene en oogbeskerming of gesigbeskerming.
- Gebruik slegs buitenshuis of in 'n goed geventileerde area.
- Hou weg van hitte, warm oppervlakte, vonke, oop vlamme en ander ontstekingsbronne. Rook verbode.
- Vermyn inaseming van walm of dampe of spuitstof.
- Was gekontameneerde liggaamsdele deeglik na hantering.
- **INDIEN IN OË:** Spoel versigtig met water vir etlike minute. Verwyder kontaklense, indien aanwesig en maklik om te verwyder. Hou aan met spoel.
- Ontbied onmiddellik 'n GIFSENTRUM of geneesheer.
- **INDIEN INGEASEM:** Neem slagoffer na vars lug en hou gemaklik vir asemhaling.
- **INDIEN OP VEL:** Was met baie seep en water.
- Maak stortsel bymekaar.
- Moet nie vomering induseer nie.
- Trek besoedelde klere uit en was dit voor hergebruik.
- In geval van brand: Gebruik watersproei, droë poeier, skuim of koolstofdoksied om te blus.
- Berg in 'n goed geventileerde plek. Hou houer dig geseël.
- Berg agter slot en grendel.

- Moenie eet, rook of drink terwyl gemeng of gespuit word nie, alvorens die hande en gesig nie eers gewas is nie.
- **Dash® HC** mag die metaaldele van spuite korrodeer.
- Maak die toediener deeglik skoon voordat ander middels daarmee toegedien word en doen weg met die waswater, sodat dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Leë houers moet **DRIE KEER UITGESPOEL** word soos volg: Keer die leë houer om oor die spuitenk of mengbak en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die houer daarna drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuitenk, voordat die houer op die voorgeskrewe wyse vernietig word.
- Vernietig leë houers deur gate in te slaan en plat te druk en moet dit nooit vir enige ander doel hergebruik nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.

RELEVANTE STOWWE

Gevaarlike bestanddele Volgens UN GHS kriteria	CAS nommer	Konsentrasie (W/W)
Solvent naphtha (petroleum), heavy arom.	64742-94-5	< 50 %
Oxirane, methyl-, polymer with oxirane, mono-C10-16-alkyl ethers, phosphates	68649-29-6	< 30 %

NOODHULPBEHANDELING

Noodhulppersoneel moet aandag gee aan hul eie veiligheid. As die pasiënt waarskynlik bewusteloos sal raak, plaas en vervoer in 'n stabiele sywaartse posisie (herstelposisie). Verwyder dadelik besoedelde klere.

INDIEN IN DIE OË:	Spoel aangetaste oë dadelik vir ten minste 15 minute met lopende water uit terwyl die ooglede oopgehou word, raadpleeg 'n oogspesialis.
INDIEN INGESLUK:	Spoel mond dadelik uit en drink 200 – 300 ml water, verkry mediese hulp. Moet nie vomering induseer nie weens aspirasiegevaar.
INDIEN OP DIE VEL:	Was onmiddelik deeglik met seep en water, gebruik steriele verbande op die vel, raadpleeg 'n velspesialis.
INDIEN INGEASEM:	Hou pasiënt kalm, verwyder na vars lug, verkry mediese hulp. Dien onmiddelik 'n kortikosteroïed toe met die genruik van 'n beheerde/ gemeterde dosis inhaleerder.

Aanduiding van enige onmiddellike mediese aandag en spesiale behandeling wat nodig is.

Behandeling: Behandel simptome (reinig, lewensbelangrike funksies), daar is geen spesifieke teenmiddel nie.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS VOORGESKRYF

Algemende inligting:

- **Dash® HC** bevorderingsmiddel, moet in oplossings wat 'n waterbasis het toegedien word, om die effektiwiteit van na-opkomsontkruidodders te verhoog.
- **Dash® HC** verhoog die werking van 'n onkruidodder, deur fisies die neerslag en benattingseienskappe van die spuitstof te verander. **Dash® HC** verlaag spesifiek die oppervlakspanning van die spuitstof. Gevolglik word die absorpsie en die aktiwiteit van die spuitstof op die blaaroppervlakke verhoog.
- Verseker goeie bedekking en benatting van onkruid, veral wanneer die gewas dig groei.

Menginstruksies

Maak die spuittenk driekwart vol met skoon water. Meet die benodigde volume **Dash® HC** af en voeg dit by. Verwys na die ander produk(te) se etiket(te) ten opsigte van die menginstruksies. Roer die water in die spuittenk en voeg die **Dash® HC** eerste by, gevolg deur die ander produk(te). Vul die spuittenk met water tot by die verlangde vlak, terwyl daar voortdurend geroer word om deeglike vermenging te verseker, alvorens daar met toediening begin word. Handhaaf roering gedurende toediening. Aangemaakte spuitmengsels moenie in die spuittenk gelaat word vir 'n onbepaalde tyd, bv. oornag, nie.

Alle toediensings moet gemaak word met geskikte toerusting, wat in goeie werkende toestand en korrek gekalibreer is, ten einde die verlangde bedekking te gee vir die betrokke toediensingsmetode.

Toediensingsdosis:

Verwys na die relevante etiket, waarmee **Dash® HC** gebruik gaan word, vir die aanbevole dosis.

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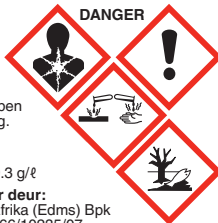
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